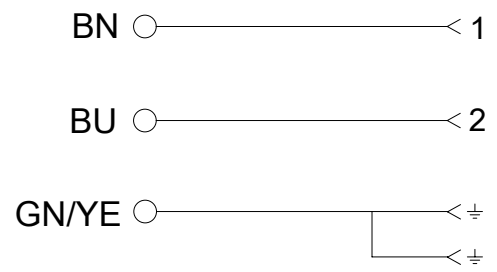




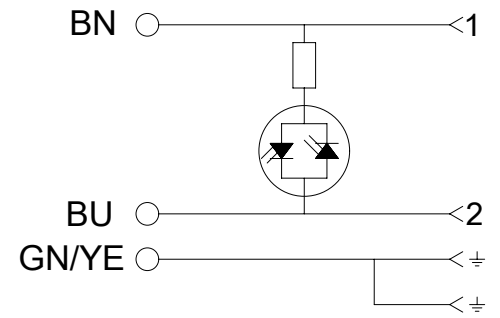


WIRING DIAGRAMS

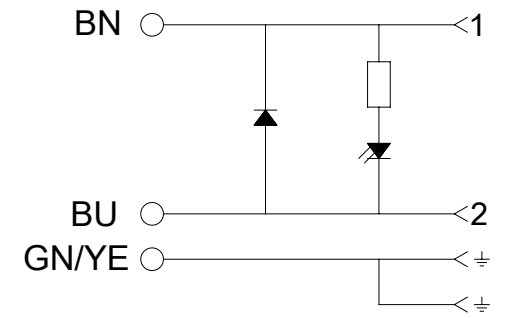
ELECTRICAL DIAGRAM 00



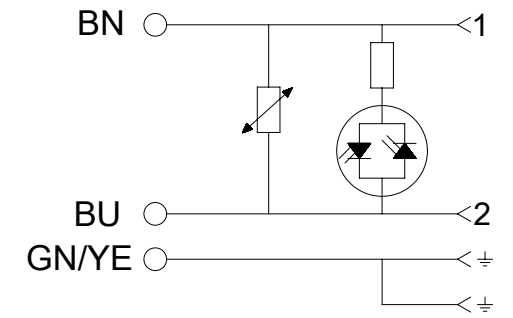
ELECTRICAL DIAGRAM A1



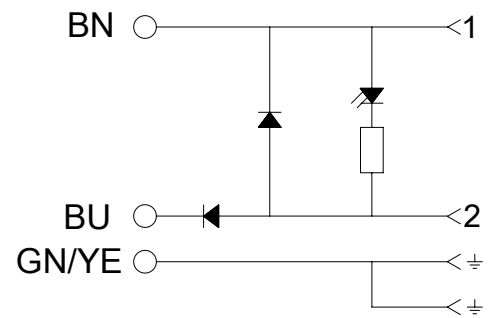
ELECTRICAL DIAGRAM C3



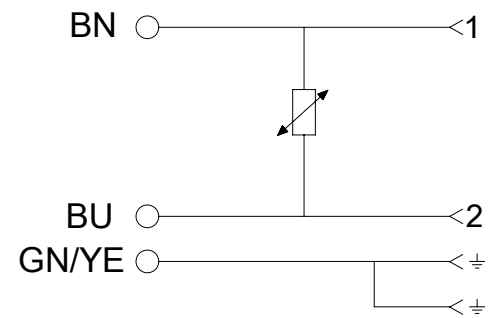
ELECTRICAL DIAGRAM C4



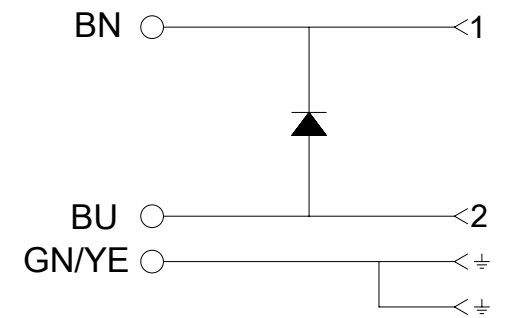
ELECTRICAL DIAGRAM C7



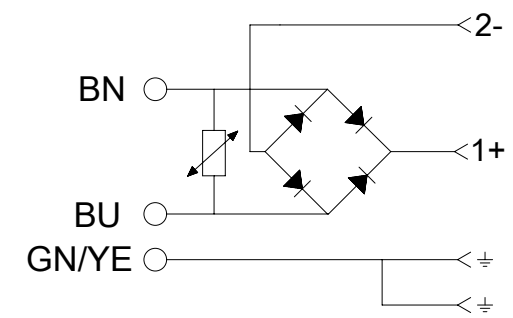
ELECTRICAL DIAGRAM D0



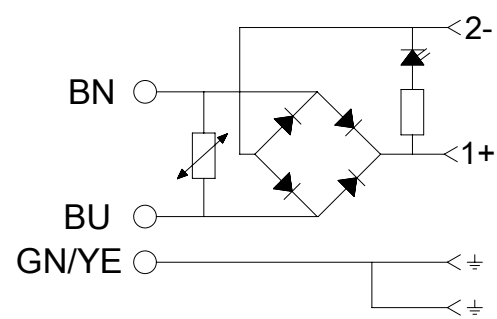
ELECTRICAL DIAGRAM E0



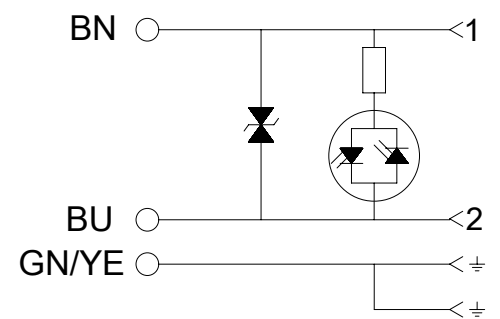
ELECTRICAL DIAGRAM R0



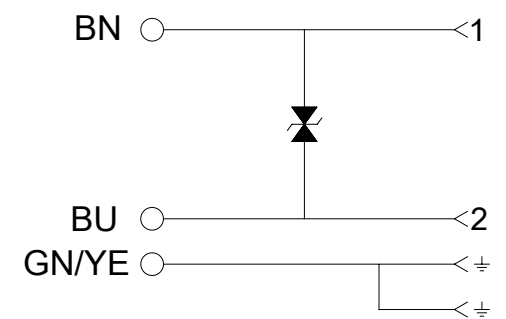
ELECTRICAL DIAGRAM R2



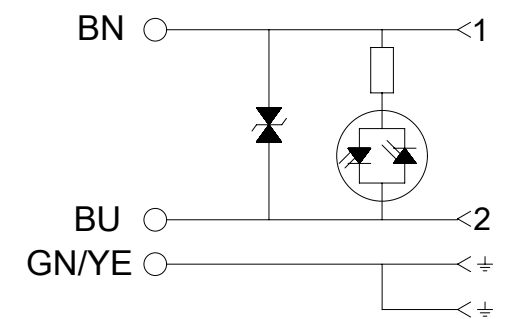
ELECTRICAL DIAGRAM S0



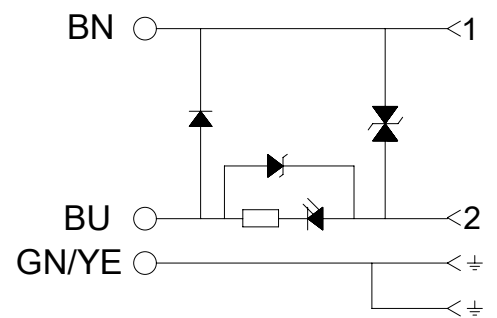
ELECTRICAL DIAGRAM S1



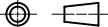
ELECTRICAL DIAGRAM S3

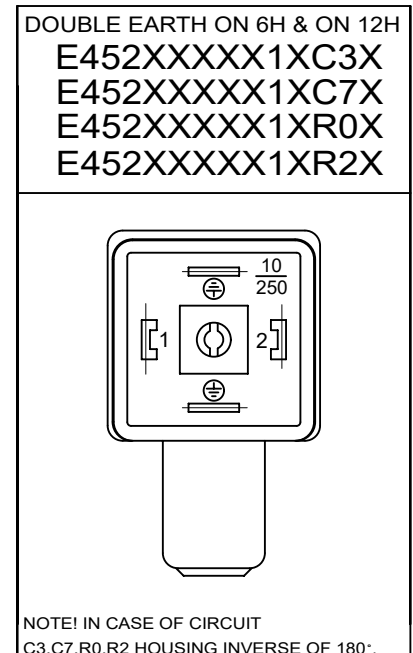
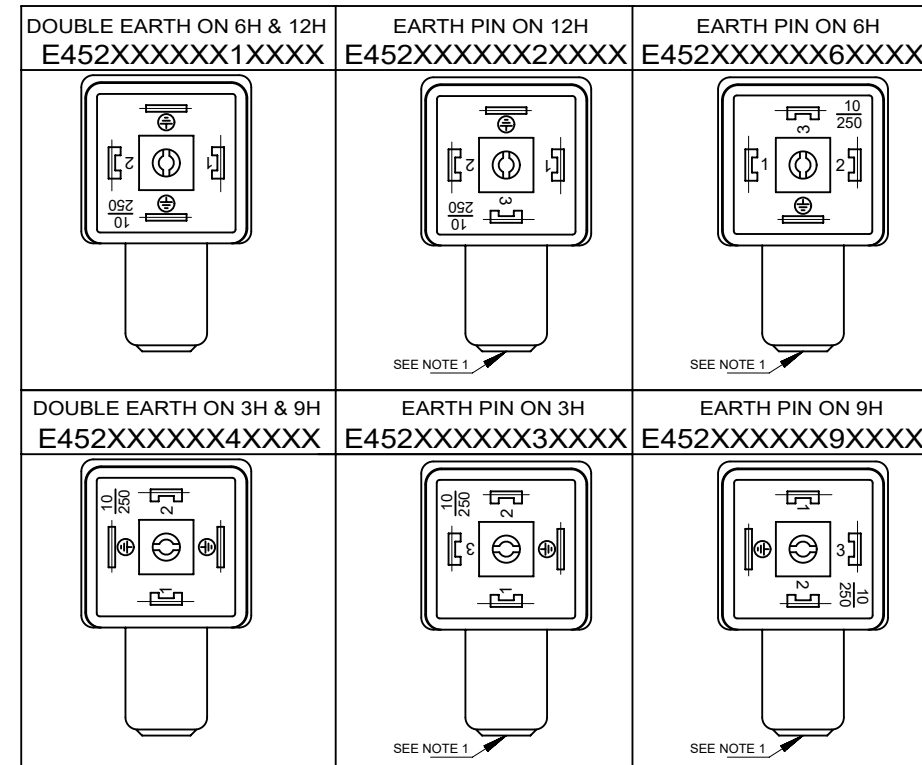
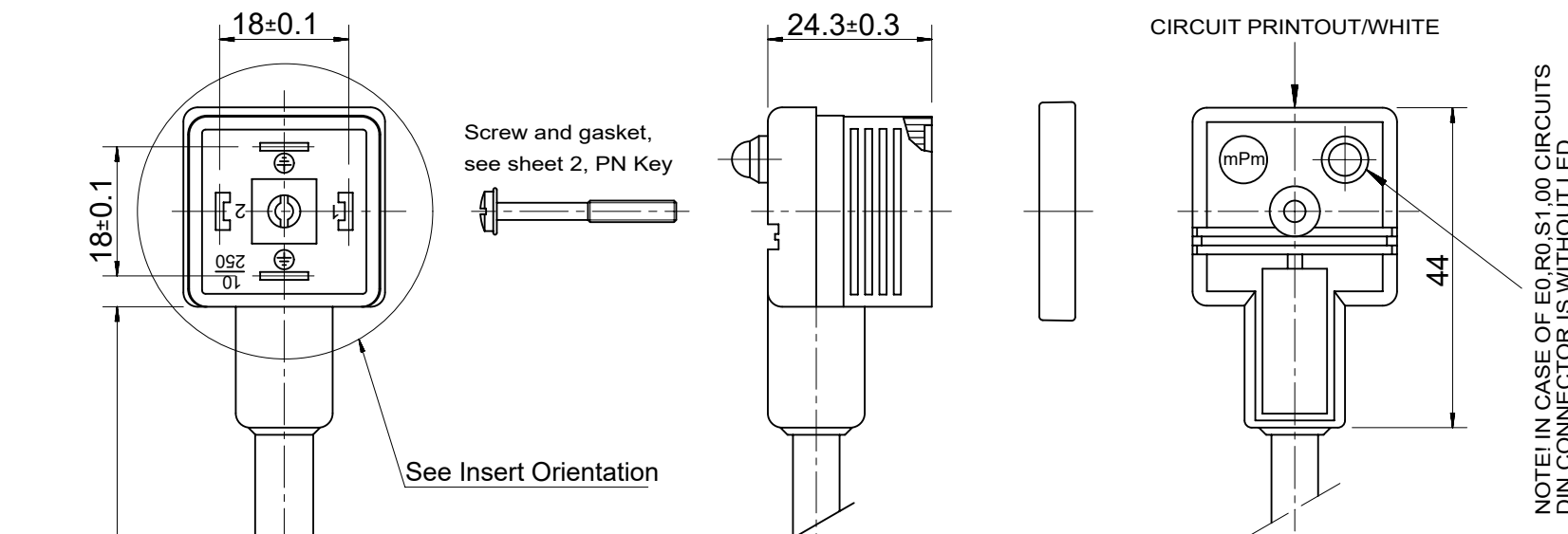


ELECTRICAL DIAGRAM NS



Technical Spec:  
Supply Voltage: See PN KEY  
Max. current: 5A; A1-C4-S0  
1,5A; R2  
Contact Resistance: ≤15milliohms max.  
Operating Temperature:  
with NBR Gasket: -40°C +90°C  
with Silicone: -40°C +125°C

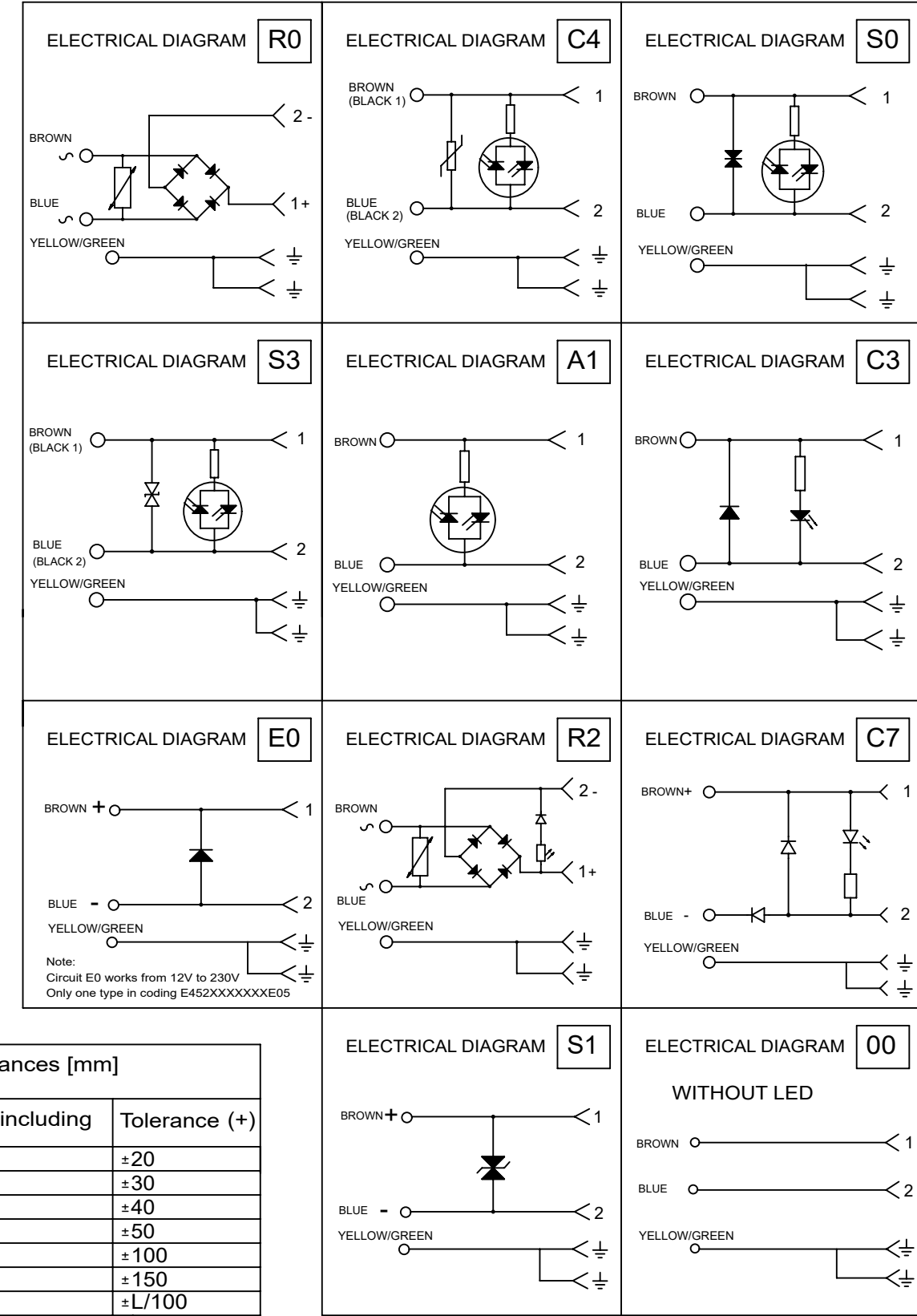
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                            |                                                                                       |                  |         |                        |                   |                 |                    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------|---------|------------------------|-------------------|-----------------|--------------------|--|
| SYMBOLS                                                                                                                                       |                                                            | DIMENSION UNITS                                                                       |                  | SCALE   |                        | CURRENT REV DESC: |                 |                    |  |
|  = 0                                                     | mm                                                         |                                                                                       | 1:1              |         |                        |                   |                 |                    |  |
|  = 0                                                     | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                                                                                       |                  |         |                        |                   |                 |                    |  |
|  = 0                                                     |                                                            |                                                                                       |                  |         |                        |                   |                 |                    |  |
|  = 0                                                     |                                                            |                                                                                       |                  |         |                        |                   |                 |                    |  |
|  = 0                                                     | ANGULAR TOL    ±    °                                      |                                                                                       | EC NO:    603741 |         |                        |                   |                 |                    |  |
|  = 0                                                     | 4 PLACES                                                   |                                                                                       | ±                |         | DRWN:    APAWLAK01     |                   | 2018/07/13      |                    |  |
|  = 0                                                     | 3 PLACES                                                   |                                                                                       | ±                |         | CHK'D:    RSILLER      |                   | 2018/08/31      |                    |  |
|  = 0                                                     | 2 PLACES                                                   |                                                                                       | ±                |         | APPR:    RSILLER       |                   | 2018/08/31      |                    |  |
|  = 0                                                     | 1 PLACE                                                    |                                                                                       | ±                |         | INITIAL REVISION:      |                   |                 |                    |  |
|  = 0                                                     | 0 PLACES                                                   |                                                                                       | ±                |         |                        |                   |                 |                    |  |
|  = 0                                                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                       |                  |         | THIRD ANGLE PROJECTION |                   | DRAWING         |                    |  |
|  = 0                                                     |                                                            |                                                                                       |                  |         | SERIES                 |                   | MATERIAL NUMBER |                    |  |
|                                                                                                                                               |                                                            |  |                  | A3-SIZE |                        | 121050            |                 | SEE 1210502000_PDP |  |
|                                                                                                                                               |                                                            |                                                                                       |                  |         |                        |                   |                 | CUSTOMER           |  |
|                                                                                                                                               |                                                            |                                                                                       |                  |         |                        |                   |                 | SHEET NUMBER       |  |
|                                                                                                                                               |                                                            |                                                                                       |                  |         |                        |                   |                 | 3 OF 3             |  |



NOTE! IN CASE OF CIRCUIT C3,C7,R0,R2 HOUSING INVERSE OF 180°.

| Table of length tolerances [mm] |                     |               |
|---------------------------------|---------------------|---------------|
| Over                            | Up to and including | Tolerance (+) |
| 0                               | 1000                | ±20           |
| 1000                            | 3000                | ±30           |
| 3000                            | 5000                | ±40           |
| 5000                            | 10000               | ±50           |
| 10000                           | 15000               | ±100          |
| 15000                           | 20000               | ±150          |
| 20000                           |                     | ±L/100        |

WIRING CONFIGURATION



NOTES:  
1. FOR HARNESS WITH GROUND ONLY IN:  
3H,6H,9H or 12H PIN 3 IS N/C.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|                                                      | MM  | INCH |
|------------------------------------------------------|-----|------|
| 4 PLACES                                             | ±   | ±    |
| 3 PLACES                                             | ±   | ±    |
| 2 PLACES                                             | ±   | ±    |
| 1 PLACE                                              | ±   | ±    |
| 0 PLACES                                             | ±   | ±    |
| ANGULAR TOL                                          | ± ° |      |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |     |      |

CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

FIRST ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

121050

molex

E452XXXXXXXXXX

DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

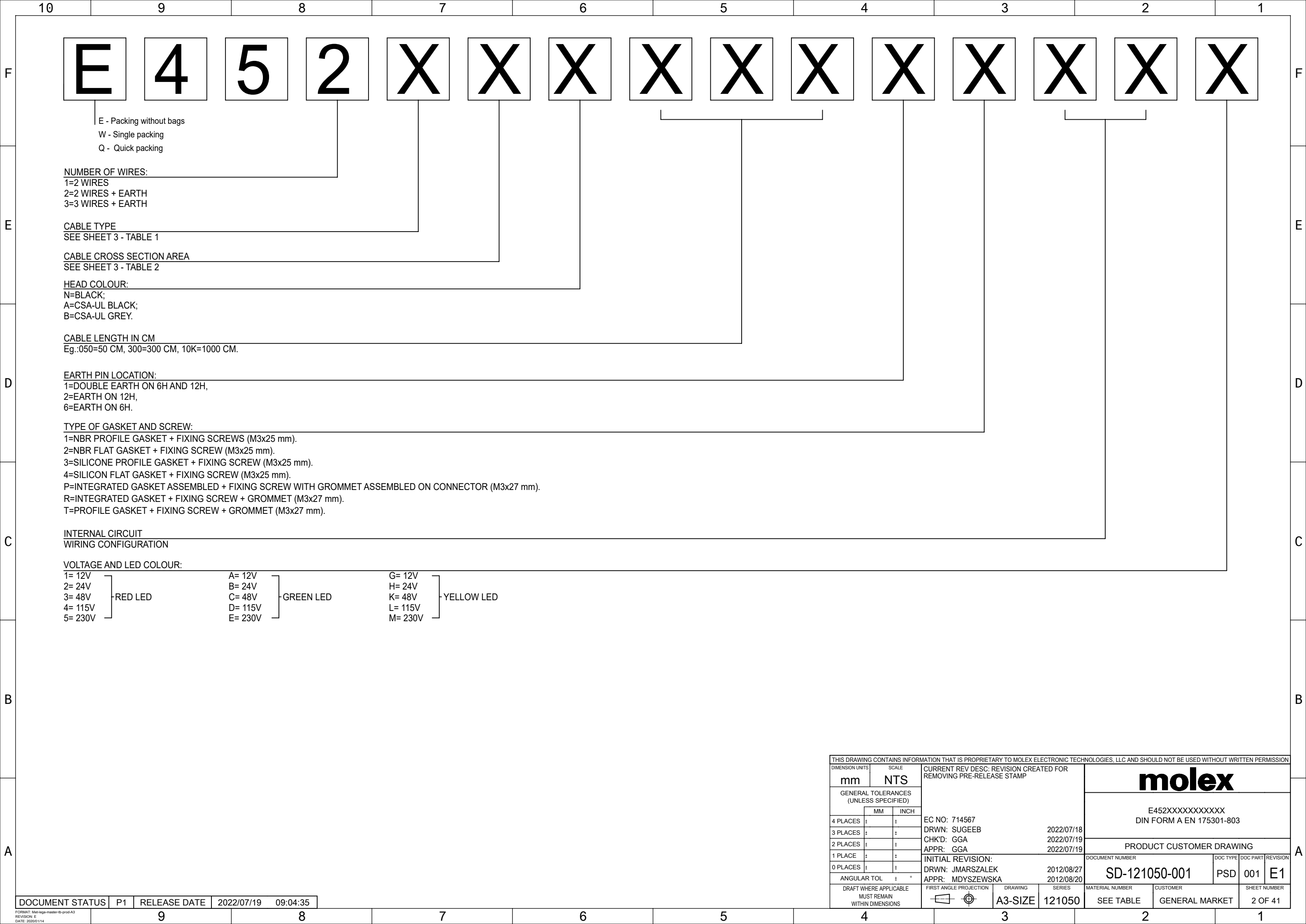
SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 41



| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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          |   |   |   |         |                      |      |            |        |            |   |   |   |         |                      |      |            |               |            |   |   |   |         |                      |      |         |                   |            |   |   |   |         |                      |      |             |                       |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |         |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |             |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |            |                       |            |   |   |   |        |                 |       |          |        |            |   |   |   |        |                 |       |          |               |            |   |   |   |        |                 |       |            |                   |            |   |   |   |        |                 |       |          |                       |            |   |   |   |        |                  |       |         |        |            |   |   |   |        |                  |       |         |               |            |   |   |   |        |                  |       |       |                   |            |   |   |   |        |                  |       |          |                       |            |   |   |   |          |               |      |         |               |            |   |   |   |          |               |      |         |                   |            |   |   |   |          |                      |      |         |          |            |   |   |   |          |                      |      |         |               |            |   |   |   |          |                      |      |         |                   |            |   |   |   |          |             |       |         |        |            |   |   |   |          |             |       |         |               |            |   |   |   |          |             |       |         |                   |            |   |   |   |          |             |       |            |                       |            |   |   |   |          |             |       |         |        |            |   |   |   |          |             |       |         |               |            |   |   |   |          |             |       |         |                   |                                                                                                                                                                                                                                                                                             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     |   |   |   |          |                  |        |         |               |            |   |   |   |          |                 |     |         |               |            |   |   |   |       |           |      |            |                 |            |   |   |   |       |                      |      |            |        |            |   |   |   |       |                      |      |            |               |            |   |   |   |       |             |       |         |        |            |   |   |   |       |             |       |         |               |            |   |   |   |       |               |       |         |               |            |   |   |   |         |             |       |         |               |            |   |   |   |          |              |      |         |        |            |   |   |   |          |                 |      |         |                   |
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| TABLE 2 - CABLES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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          |   |   |   |         |                      |      |            |        |            |   |   |   |         |                      |      |            |               |            |   |   |   |         |                      |      |         |                   |            |   |   |   |         |                      |      |             |                       |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |         |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |             |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |            |                       |            |   |   |   |        |                 |       |          |        |            |   |   |   |        |                 |       |          |               |            |   |   |   |        |                 |       |            |                   |            |   |   |   |        |                 |       |          |                       |            |   |   |   |        |                  |       |         |        |            |   |   |   |        |                  |       |         |               |            |   |   |   |        |                  |       |       |                   |            |   |   |   |        |                  |       |          |                       |            |   |   |   |          |               |      |         |               |            |   |   |   |          |               |      |         |                   |            |   |   |   |          |                      |      |         |          |            |   |   |   |          |                      |      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     |   |   |   |          |                  |        |         |               |            |   |   |   |          |                 |     |         |               |            |   |   |   |       |           |      |            |                 |            |   |   |   |       |                      |      |            |        |            |   |   |   |       |                      |      |            |               |            |   |   |   |       |             |       |         |        |            |   |   |   |       |             |       |         |               |            |   |   |   |       |               |       |         |               |            |   |   |   |         |             |       |         |               |            |   |   |   |          |              |      |         |        |            |   |   |   |          |                 |      |         |                   |
| <table><tr><th>Molex PN<br/>Raw cable</th><th>Cable<br/>type</th><th>Cable<br/>code</th><th>Wires<br/>no.</th><th>Cross<br/>Section</th><th>Jacket material</th><th>Jacket<br/>color</th><th>Diameter Ø<br/>[mm]</th><th>Wire colors</th></tr><tr><td>1210180080</td><td>I</td><td>0</td><td>3</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.4±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180467</td><td>A</td><td>2</td><td>2</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>5.4±0.2</td><td>BN, BU</td></tr><tr><td>1210180128</td><td>A</td><td>2</td><td>3</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>5.6±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180394</td><td>A</td><td>2</td><td>4</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.2±0.25</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180297</td><td>B</td><td>2</td><td>2</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>5.6±0.2</td><td>BN, BU</td></tr><tr><td>1210180126</td><td>B</td><td>2</td><td>3</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>5.6±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180387</td><td>B</td><td>2</td><td>4</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.3±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180122</td><td>D</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>5.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180047</td><td>I</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5+0.3/-0</td><td>BN, BU</td></tr><tr><td>1210180284</td><td>I</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5+0.3/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180146</td><td>I</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.5±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180177</td><td>I</td><td>2</td><td>5</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.0 +0.3/-0</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180022</td><td>N</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.2±0.2</td><td>BN, BU</td></tr><tr><td>1202092753</td><td>N</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180153</td><td>N</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.9±0.3</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180046</td><td>P</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>5.5±0.2</td><td>BN, BU</td></tr><tr><td>1202092439</td><td>P</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>5.5 +0.3/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180302</td><td>P</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1202092215</td><td>P</td><td>2</td><td>5</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>7+0.3/-0.1</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180409</td><td>A</td><td>3</td><td>2</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.2±0.25</td><td>BN, BU</td></tr><tr><td>1210180129</td><td>A</td><td>3</td><td>3</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.5±0.25</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180159</td><td>A</td><td>3</td><td>4</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>7.0+0.3/-0</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180464</td><td>A</td><td>3</td><td>5</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>7.8±0.25</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180351</td><td>B</td><td>3</td><td>2</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.2±0.2</td><td>BN, BU</td></tr><tr><td>1210180127</td><td>B</td><td>3</td><td>3</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180160</td><td>B</td><td>3</td><td>4</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>7±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180463</td><td>B</td><td>3</td><td>5</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>7.8±0.25</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180073</td><td>D</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180145</td><td>D</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>7.1±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1202098206</td><td>I</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5±0.2</td><td>BK1, BK2</td></tr><tr><td>1210180120</td><td>I</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.0±0.2</td><td>BK1, BK2, BK3</td></tr><tr><td>1210180143</td><td>I</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.0±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180032</td><td>N</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.2±0.2</td><td>BN, BU</td></tr><tr><td>1210180069</td><td>N</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180144</td><td>N</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>7.1±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180174</td><td>N</td><td>3</td><td>5</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>8.0+0.2/-0</td><td>BN, BU, BK, GY, GN/YE</td></tr><tr><td>1202094190</td><td>P</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU</td></tr><tr><td>1210180071</td><td>P</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180152</td><td>P</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>7.0±0.2</td><td>BN, BU, BK, GN/YE</td></tr></table> |               |                                                                                                                                 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                    |                       | Molex PN<br>Raw cable | Cable<br>type                                                                                                                                 | Cable<br>code | Wires<br>no. | Cross<br>Section            | Jacket material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Jacket<br>color | Diameter Ø<br>[mm]                                                                                     | Wire colors                           | 1210180080 | I        | 0                                                                                                  | 3                                     | 1 mm²   | PVC CEI 2022 II O.R. | Grey                                                                                     | 6.4±0.2                               | BN, BU, GN/YE | 1210180467 | A                                                                                                                               | 2                      | 2 | 20 AWG     | PVC CSA/UL 2661                                                      | Black                  | 5.4±0.2 | BN, BU   | 1210180128 | A | 2           | 3 | 20 AWG | PVC CSA/UL 2661                                                                                    | Black | 5.6±0.2 | BN, BU, GN/YE | 1210180394                                                                            | A | 2 | 4 | 20 AWG | PVC CSA/UL 2661 | Black           | 6.2±0.25 | BN, BU, BK, GN/YE | 1210180297 | B            | 2 | 2 | 20 AWG | PUR CSA/UL 20668 | Black | 5.6±0.2   | BN, BU | 1210180126     | B | 2       | 3 | 20 AWG | PUR CSA/UL 20668 | Black | 5.6±0.2 | BN, BU, GN/YE | 1210180387 | B | 2 | 4 | 20 AWG | PUR CSA/UL 20668 | Black | 6.3±0.2 | BN, BU, BK, GN/YE | 1210180122 | D | 2 | 3 | 0.5 mm² | PVC CEI 20-20 | Grey | 5.5±0.2 | BN, BU, GN/YE | 1210180047 | I | 2 | 2 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 5.5+0.3/-0 | BN, BU | 1210180284 | I | 2 | 3 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 5.5+0.3/-0 | BN, BU, GN/YE | 1210180146 | I | 2 | 4 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 6.5±0.2 | BN, BU, BK, GN/YE | 1210180177 | I | 2 | 5 | 0.5 mm² | PVC CEI 2022 II O.R. | Grey | 7.0 +0.3/-0 | BN, BU, BK, WH, GN/YE | 1210180022 | N | 2 | 2 | 0.5 mm² | PVC H03VV-F | Black | 5.2±0.2 | BN, BU | 1202092753 | N | 2 | 3 | 0.5 mm² | PVC H03VV-F | Black | 5.5±0.2 | BN, BU, GN/YE | 1210180153 | N | 2 | 4 | 0.5 mm² | PVC H03VV-F | Black | 5.9±0.3 | BN, BU, BK, GN/YE | 1210180046 | P | 2 | 2 | 0.5 mm² | PUR - BLEND | Black | 5.5±0.2 | BN, BU | 1202092439 | P | 2 | 3 | 0.5 mm² | PUR - BLEND | Black | 5.5 +0.3/-0 | BN, BU, GN/YE | 1210180302 | P | 2 | 4 | 0.5 mm² | PUR - BLEND | Black | 6.5±0.2 | BN, BU, BK, GN/YE | 1202092215 | P | 2 | 5 | 0.5 mm² | PUR - BLEND | Black | 7+0.3/-0.1 | BN, BU, BK, WH, GN/YE | 1210180409 | A | 3 | 2 | 18 AWG | PVC CSA/UL 2661 | Black | 6.2±0.25 | BN, BU | 1210180129 | A | 3 | 3 | 18 AWG | PVC CSA/UL 2661 | Black | 6.5±0.25 | BN, BU, GN/YE | 1210180159 | A | 3 | 4 | 18 AWG | PVC CSA/UL 2661 | Black | 7.0+0.3/-0 | BN, BU, BK, GN/YE | 1210180464 | A | 3 | 5 | 18 AWG | PVC CSA/UL 2661 | Black | 7.8±0.25 | BN, BU, BK, WH, GN/YE | 1210180351 | B | 3 | 2 | 18 AWG | PUR CSA/UL 20668 | Black | 6.2±0.2 | BN, BU | 1210180127 | B | 3 | 3 | 18 AWG | PUR CSA/UL 20668 | Black | 6.5±0.2 | BN, BU, GN/YE | 1210180160 | B | 3 | 4 | 18 AWG | PUR CSA/UL 20668 | Black | 7±0.2 | BN, BU, BK, GN/YE | 1210180463 | B | 3 | 5 | 18 AWG | PUR CSA/UL 20668 | Black | 7.8±0.25 | BN, BU, BK, WH, GN/YE | 1210180073 | D | 3 | 3 | 0.75 mm² | PVC CEI 20-20 | Grey | 6.5±0.2 | BN, BU, GN/YE | 1210180145 | D | 3 | 4 | 0.75 mm² | PVC CEI 20-20 | Grey | 7.1±0.2 | BN, BU, BK, GN/YE | 1202098206 | I | 3 | 2 | 0.75 mm² | PVC CEI 2022 II O.R. | Grey | 5.5±0.2 | BK1, BK2 | 1210180120 | I | 3 | 3 | 0.75 mm² | PVC CEI 2022 II O.R. | Grey | 6.0±0.2 | BK1, BK2, BK3 | 1210180143 | I | 3 | 4 | 0.75 mm² | PVC CEI 2022 II O.R. | Grey | 7.0±0.2 | BN, BU, BK, GN/YE | 1210180032 | N | 3 | 2 | 0.75 mm² | PVC H05VV-F | Black | 6.2±0.2 | BN, BU | 1210180069 | N | 3 | 3 | 0.75 mm² | PVC H05VV-F | Black | 6.5±0.2 | BN, BU, GN/YE | 1210180144 | N | 3 | 4 | 0.75 mm² | PVC H05VV-F | Black | 7.1±0.2 | BN, BU, BK, GN/YE | 1210180174 | N | 3 | 5 | 0.75 mm² | PVC H05VV-F | Black | 8.0+0.2/-0 | BN, BU, BK, GY, GN/YE | 1202094190 | P | 3 | 2 | 0.75 mm² | PUR - BLEND | Black | 6.5±0.2 | BN, BU | 1210180071 | P | 3 | 3 | 0.75 mm² | PUR - BLEND | Black | 6.5±0.2 | BN, BU, GN/YE | 1210180152 | P | 3 | 4 | 0.75 mm² | PUR - BLEND | Black | 7.0±0.2 | BN, BU, BK, GN/YE | <table><tr><th>Molex PN<br/>Raw cable</th><th>Cable<br/>type</th><th>Cable<br/>code</th><th>Wires<br/>no.</th><th>Cross Section</th><th>Jacket material</th><th>Jacket<br/>color</th><th>Diameter Ø<br/>[mm]</th><th>Wire colors</th></tr><tr><td>1210180384</td><td>R</td><td>3</td><td>3</td><td>0.75 mm²</td><td>TPR HAL. FREE</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180094</td><td>T</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PUR CSA/UL 20668</td><td>Yellow</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180309</td><td>Y</td><td>3</td><td>3</td><td>0.75 mm²</td><td>SILICONE RUBBER</td><td>Red</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180081</td><td>F</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC CNOMO</td><td>Grey</td><td>7.1+0.2/-0</td><td>BK1, BK2, GN/YE</td></tr><tr><td>1210180042</td><td>I</td><td>4</td><td>2</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.1+0.2/-0</td><td>BN, BU</td></tr><tr><td>1210180079</td><td>I</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.1+0.2/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180036</td><td>N</td><td>4</td><td>2</td><td>1 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.5±0.2</td><td>BN, BU</td></tr><tr><td>1210180082</td><td>N</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.9±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180117</td><td>R</td><td>4</td><td>3</td><td>1 mm²</td><td>TPR HAL. FREE</td><td>Black</td><td>7.1±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180085</td><td>N</td><td>5</td><td>3</td><td>1.5 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>7.9±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180313</td><td>I</td><td>6</td><td>2</td><td>0.35 mm²</td><td>PVC CEI 2011</td><td>Grey</td><td>4.8±0.2</td><td>BN, WH</td></tr><tr><td>1210180149</td><td>I</td><td>9</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 2022 II</td><td>Grey</td><td>7.3±0.2</td><td>BN, BU, BK, GN/YE</td></tr></table> |  |  |  |  |  |  |  |  | Molex PN<br>Raw cable | Cable<br>type | Cable<br>code | Wires<br>no. | Cross Section | Jacket material | Jacket<br>color | Diameter Ø<br>[mm] | Wire colors | 1210180384 | R | 3 | 3 | 0.75 mm² | TPR HAL. FREE | Black | 6.5±0.2 | BN, BU, GN/YE | 1210180094 | T | 3 | 3 | 0.75 mm² | PUR CSA/UL 20668 | Yellow | 6.5±0.2 | BN, BU, GN/YE | 1210180309 | Y | 3 | 3 | 0.75 mm² | SILICONE RUBBER | Red | 6.5±0.2 | BN, BU, GN/YE | 1210180081 | F | 4 | 3 | 1 mm² | PVC CNOMO | Grey | 7.1+0.2/-0 | BK1, BK2, GN/YE | 1210180042 | I | 4 | 2 | 1 mm² | PVC CEI 2022 II O.R. | Grey | 7.1+0.2/-0 | BN, BU | 1210180079 | I | 4 | 3 | 1 mm² | PVC CEI 2022 II O.R. | Grey | 7.1+0.2/-0 | BN, BU, GN/YE | 1210180036 | N | 4 | 2 | 1 mm² | PVC H05VV-F | Black | 6.5±0.2 | BN, BU | 1210180082 | N | 4 | 3 | 1 mm² | PVC H05VV-F | Black | 6.9±0.2 | BN, BU, GN/YE | 1210180117 | R | 4 | 3 | 1 mm² | TPR HAL. FREE | Black | 7.1±0.2 | BN, BU, GN/YE | 1210180085 | N | 5 | 3 | 1.5 mm² | PVC H05VV-F | Black | 7.9±0.2 | BN, BU, GN/YE | 1210180313 | I | 6 | 2 | 0.35 mm² | PVC CEI 2011 | Grey | 4.8±0.2 | BN, WH | 1210180149 | I | 9 | 4 | 0.75 mm² | PVC CEI 2022 II | Grey | 7.3±0.2 | BN, BU, BK, GN/YE |
| Molex PN<br>Raw cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Cable<br>type | Cable<br>code                                                                                                                   | Wires<br>no.                          | Cross<br>Section                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Jacket material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Jacket<br>color | Diameter Ø<br>[mm] | Wire colors           |                       |                                                                                                                                               |               |              |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                                                        |                                       |            |          |                                                                                                    |                                       |         |                      |                                                                                          |                                       |               |            |          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          |   |   |   |         |                      |      |            |        |            |   |   |   |         |                      |      |            |               |            |   |   |   |         |                      |      |         |                   |            |   |   |   |         |                      |      |             |                       |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |         |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |             |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |            |                       |            |   |   |   |        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| TABLE 1 - CABLES TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                                                                                                                                                                                                                 | <table><tr><th>Code</th><th>Cable types</th><th>Features</th><th>Cable type<br/>Cross section</th></tr><tr><td>N</td><td>PVC</td><td>Application general purpose cable which has good resistance to water, but usually poor oil resistance.</td><td>N2=0.5 mm2<br/>N3=0.75 mm2<br/>N4=1 mm2</td></tr><tr><td>I</td><td>CEI</td><td>Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.</td><td>I2=0.5 mm2<br/>I3=0.75 mm2<br/>I4=1 mm2</td></tr><tr><td>P</td><td>PUR</td><td>Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.</td><td>P2=0.5 mm2<br/>P3=0.75 mm2<br/>P4=1 mm2</td></tr><tr><td>A</td><td>PVC CSA-UL</td><td>Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.</td><td>A2=20 AWG<br/>A3=18 AWG</td></tr><tr><td>B</td><td>PUR CSA-UL</td><td>Approved to CSA-UL 20668, very good resistance to oil and chemicals.</td><td>B2=20 AWG<br/>B3=18 AWG</td></tr></table> |                 |                    |                       |                       | Code                                                                                                                                          | Cable types   | Features     | Cable type<br>Cross section | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PVC             | Application general purpose cable which has good resistance to water, but usually poor oil resistance. | N2=0.5 mm2<br>N3=0.75 mm2<br>N4=1 mm2 | I          | CEI      | Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils. | I2=0.5 mm2<br>I3=0.75 mm2<br>I4=1 mm2 | P       | PUR                  | Offer good resistance to oil and chemicals. Can swell when constantly immersed in water. | P2=0.5 mm2<br>P3=0.75 mm2<br>P4=1 mm2 | A             | PVC CSA-UL | Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance. | A2=20 AWG<br>A3=18 AWG | B | PUR CSA-UL | Approved to CSA-UL 20668, very good resistance to oil and chemicals. | B2=20 AWG<br>B3=18 AWG |         |          |            |   |             |   |        |                                                                                                    |       |         |               |                                                                                       |   |   |   |        |                 |                 |          |                   |            |              |   |   |        |                  |       |           |        |                |   |         |   |        |                  |       |         |               |            |   |   |   |        |                  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                                                                                                         | PVC           | Application general purpose cable which has good resistance to water, but usually poor oil resistance.                          | N2=0.5 mm2<br>N3=0.75 mm2<br>N4=1 mm2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                                                                                         | CEI           | Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.                              | I2=0.5 mm2<br>I3=0.75 mm2<br>I4=1 mm2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                                                                                         | PUR           | Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.                                        | P2=0.5 mm2<br>P3=0.75 mm2<br>P4=1 mm2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                         | PVC CSA-UL    | Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance. | A2=20 AWG<br>A3=18 AWG                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PUR CSA-UL    | Approved to CSA-UL 20668, very good resistance to oil and chemicals.                                                            | B2=20 AWG<br>B3=18 AWG                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| <table><tr><td colspan="4">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="6"><div><div><div><div>DIMENSION UNITS</div><div>mm</div></div><div><div>SCALE</div><div>NTS</div></div></div><div><div>GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</div><table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td>ANGULAR TOL</td><td>±</td><td>°</td></tr></table></div><div><div>DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</div><div><div>FIRST ANGLE PROJECTION</div><div></div></div><div><div>DRAWING</div><div>A3-SIZE</div></div><div><div>SERIES</div><div>121050</div></div></div><div><div>DOCUMENT NUMBER</div><div>SD-121050-001</div></div><div><div>DOC TYPE</div><div>PSD</div></div><div><div>DOC PART</div><div>001</div></div><div><div>REVISION</div><div>E1</div></div></div></td></tr><tr><td colspan="4">EC NO: 714567<br/>DRWN: SUGEEB<br/>CHK'D: GGA<br/>APPR: GGA<br/>2022/07/18<br/>2022/07/19<br/>2022/07/19</td><td colspan="6">INITIAL REVISION:<br/>DRWN: JMARSZALEK<br/>APPR: MDYSZEWSKA<br/>2012/08/27<br/>2012/08/20</td></tr><tr><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td><td colspan="4"></td></tr><tr><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td colspan="2">3 OF 41</td><td colspan="4"></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                             | 2 PLACES               | ± | ±          | 1 PLACE                                                              | ±                      | ±       | 0 PLACES | ±          | ± | ANGULAR TOL | ± | °      | EC NO: 714567<br>DRWN: SUGEEB<br>CHK'D: GGA<br>APPR: GGA<br>2022/07/18<br>2022/07/19<br>2022/07/19 |       |         |               | INITIAL REVISION:<br>DRWN: JMARSZALEK<br>APPR: MDYSZEWSKA<br>2012/08/27<br>2012/08/20 |   |   |   |        |                 | MATERIAL NUMBER |          | CUSTOMER          |            | SHEET NUMBER |   |   |        |                  |       | SEE TABLE |        | GENERAL MARKET |   | 3 OF 41 |   |        |                  |       |         |               |            |   |   |   |        |                  |       |         |                   |            |   |   |   |         |               |      |         |               |            |   |   |   |         |                      |      |            |        |            |   |   |   |         |                      |      |            |               |            |   |   |   |         |                      |      |         |                   |            |   |   |   |         |                      |      |             |                       |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |         |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |             |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |            |                       |            |   |   |   |   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                  |            |   |   |   |         |               |      |         |               |            |   |   |   |         |                      |      |            |        |            |   |   |   |         |                      |      |            |               |            |   |   |   |         |                      |      |         |                   |            |   |   |   |         |                      |      |             |                       |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |         |               |            |   |   |   |         |             |       |         |                   |            |   |   |   |         |             |       |         |        |            |   |   |   |         |             |       |             |               |            |   |   |   |         |             |       |         |                   |            |   |   |  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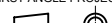
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| 29   | 1210500312 | E452B3A30012C4L  |
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| 36   | 1210500375 | E452I2N10011C4H  |
| 37   | 1210500376 | E452I2N10011C72  |
| 38   | 1210500384 | E452I2N20011C3H  |
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| Pos. | Molex PN:  | Engineering No.: |
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| 51   | 1210500417 | E452I4G50011C4H  |
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| 53   | 1210500428 | E452I4N10011C4H  |
| 54   | 1210500434 | E452I4N10K11C4H  |
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| 56   | 1210500443 | E452I4N15K11C4H  |
| 57   | 1210500448 | E452I4N20011C3H  |
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| 60   | 1210500465 | E452I4N30011A1H  |
| 61   | 1210500467 | E452I4N30011C3H  |
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| 66   | 1210500475 | E452I4N30011C4M  |
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| 70   | 1210500481 | E452I4N30011S0H  |
| 71   | 1210500486 | E452I4N35011C45  |
| 72   | 1210500489 | E452I4N40011C42  |
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| 89   | 1210500552 | E452N3N10011C4B  |
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| 103  | 1210500585 | E452N3N15011C32  |
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| 115  | 1210500627 | E452N3N20011R2M  |
| 116  | 1210500636 | E452N3N25011C42  |
| 117  | 1210500638 | E452N3N25011C4H  |
| 118  | 1210500644 | E452N3N30011A1H  |
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| 120  | 1210500649 | E452N3N30011C41  |

| Pos. | Molex PN:  | Engineering No.: |
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| 125  | 1210500658 | E452N3N30011C4L  |
| 126  | 1210500659 | E452N3N30011C4M  |
| 127  | 1210500662 | E452N3N30011R2H  |
| 128  | 1210500666 | E452N3N30011S0D  |
| 129  | 1210500673 | E452N3N30012C4H  |
| 130  | 1210500674 | E452N3N30012C4L  |
| 131  | 1210500685 | E452N3N35011A11  |
| 132  | 1210500689 | E452N3N40011A12  |
| 133  | 1210500690 | E452N3N40011C42  |
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| 135  | 1210500692 | E452N3N40011C45  |
| 136  | 1210500693 | E452N3N40011C4H  |
| 137  | 1210500696 | E452N3N50011A1B  |
| 138  | 1210500702 | E452N3N50011C42  |
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| 142  | 1210500708 | E452N3N50011C4E  |
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| 145  | 1210500712 | E452N3N50011S0D  |
| 146  | 1210500713 | E452N3N50011S0H  |
| 147  | 1210500714 | E452N3N50012C44  |
| 148  | 1210500715 | E452N3N50012C4H  |
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| 150  | 1210500722 | E452N3N65021C42  |
| 151  | 1210500730 | E452P2N04011C4H  |
| 152  | 1210500735 | E452P2N07511C32  |
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| 154  | 1210500739 | E452P2N10K11C4H  |
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| 156  | 1210500742 | E452P2N11011C4H  |
| 157  | 1210500747 | E452P2N16011C4H  |
| 158  | 1210500748 | E452P2N20011C4H  |
| 159  | 1210500755 | E452P2N30011C4L  |
| 160  | 1210500759 | E452P2N30011S0H  |

|                                                                                                                                               |     |       |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--|-----------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------------------------------|------------------------------|----------|----------------------------|-------------------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |     |       |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
| DIMENSION UNITS                                                                                                                               |     | SCALE |  | CURRENT REV DESC: REVISION CREATED FOR<br>REMOVING PRE-RELEASE STAMP                                            |  |                    | <div>molex</div>                           |                              |          |                            |                         |
| mm                                                                                                                                            | NTS |       |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |     |       |  |                                                                                                                 |  |                    | E452XXXXXXXXXX<br>DIN FORM A EN 175301-803 |                              |          |                            |                         |
|                                                                                                                                               | MM  | INCH  |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
| 4 PLACES                                                                                                                                      | ±   | ±     |  | EC NO: 714567<br>DRWN: SUGEEB 2022/07/18<br>CHK'D: GGA 2022/07/19<br>APPR: GGA 2022/07/19                       |  |                    | PRODUCT CUSTOMER DRAWING                   |                              |          |                            |                         |
| 3 PLACES                                                                                                                                      | ±   | ±     |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
| 2 PLACES                                                                                                                                      | ±   | ±     |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
| 1 PLACE                                                                                                                                       | ±   | ±     |  | INITIAL REVISION:<br>DRWN: JMARSZALEK 2012/08/27<br>APPR: MDYSZEWKA 2012/08/20                                  |  |                    | DOCUMENT NUMBER                            |                              | DOC TYPE | DOC PART                   | REVISION                |
| 0 PLACES                                                                                                                                      | ±   | ±     |  |                                                                                                                 |  |                    | SD-121050-001                              |                              | PSD      | 001                        | E1                      |
| ANGULAR TOL ± °                                                                                                                               |     |       |  |                                                                                                                 |  |                    |                                            |                              |          |                            |                         |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |     |       |  | FIRST ANGLE PROJECTION<br> |  | DRAWING<br>A3-SIZE | SERIES<br>121050                           | MATERIAL NUMBER<br>SEE TABLE |          | CUSTOMER<br>GENERAL MARKET | SHEET NUMBER<br>4 OF 41 |

|                                                                       |   |   |   |   |   |   |   |   |   |
|-----------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|
| FORMAT: Mat-lega-master-ss-prod-A3<br>REVISION: 2<br>DATE: 2020/01/14 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
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|---|---------------------|------------|------------------|------|------------|------------------|------|------------|------------------|------|------------|------------------|---|
|   | 10                  | 9          | 8                | 7    | 6          | 5                | 4    | 3          | 2                | 1    |            |                  |   |
| F | TABLE 3 - PART LIST |            |                  |      |            |                  |      |            |                  |      | F          |                  |   |
| E | Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | F |
|   | 321                 | 1210502411 | E452P3N10011R2E  | 361  | 1210502555 | E452P3N40011C3H  | 401  | 1210502647 | E452A2A30011C4H  | 441  | 1210502866 | W452N3N2001RC4A  | F |
|   | 322                 | 1210502413 | E452P2N50011C4M  | 362  | 1210502561 | E452N2N20011A11  | 402  | 1210502648 | E452N3N10011C41  | 442  | 1210502867 | W452A3A5001RS0H  | F |
|   | 323                 | 1210502414 | E452A3A50021000  | 363  | 1210502564 | E452N3N10K1RA1H  | 403  | 1210502650 | E452A3A10K1RS0H  | 443  | 1210502868 | W452N3N5001RS0D  | F |
|   | 324                 | 1210502416 | E452N2N20011C4H  | 364  | 1210502565 | E452Y3N20011C42  | 404  | 1210502654 | E452P1N50011C45  | 444  | 1210502869 | W452N3N5001RC4E  | F |
|   | 325                 | 1210502417 | E452R4N2001PC4M  | 365  | 1210502567 | E452Y3N40011A12  | 405  | 1210502659 | E452N3N40011R2H  | 445  | 1210502870 | W452N3N5001RC4D  | F |
|   | 326                 | 1210502418 | E452R4N2001PR2E  | 366  | 1210502568 | E452B2B10011A12  | 406  | 1210502660 | E452N2N30011A11  | 446  | 1210502871 | W452N3N5001RC4B  | F |
|   | 327                 | 1210502419 | E452N3N8001RA1H  | 367  | 1210502572 | E452N3N05011C31  | 407  | 1210502662 | E452P3N10K1PC4H  | 447  | 1210502872 | W452N3N3001RC4E  | F |
|   | 328                 | 1210502438 | E452I4N70011A1L  | 368  | 1210502575 | E452B2A1502TC32  | 408  | 1210502664 | E452N3N3001PC42  | 448  | 1210502874 | W452N3N2001RC4H  | F |
|   | 329                 | 1210502441 | E452I2N20011C7H  | 369  | 1210502577 | E452N3N0501RC4B  | 409  | 1210502666 | E452B3B50011C4H  | 449  | 1210502875 | W452N3N2001RA1E  | E |
| D | 330                 | 1210502447 | E452I4N15011R22  | 370  | 1210502578 | E452N3N12K1RA1H  | 410  | 1210502671 | E452I2N15011C3H  | 450  | 1210502876 | W452P3N5001RC42  | E |
|   | 331                 | 1210502471 | E452N2N20011C42  | 371  | 1210502579 | E452I4G80011C4H  | 411  | 1210502672 | E452I2N40011C3H  | 451  | 1210502877 | W452N3N2001RC3A  | E |
|   | 332                 | 1210502474 | E452N3N15011C3A  | 372  | 1210502581 | E452N2N20011A1H  | 412  | 1210502676 | E452I2N20012S12  | 452  | 1210502878 | W452N3N3001RC4C  | D |
|   | 333                 | 1210502475 | E452N3N25011S0B  | 373  | 1210502584 | E452N3N03011A12  | 413  | 1210502678 | E452A3A3001RC42  | 453  | 1210502890 | W452N3N5001RA1B  | D |
|   | 334                 | 1210502476 | E452I4N90011C3H  | 374  | 1210502585 | E452P3N5001PC4L  | 414  | 1210502679 | E452P3N50011C4M  | 454  | 1210502892 | W452N3N2001RC4E  | D |
|   | 335                 | 1210502479 | E452Y3N40011C42  | 375  | 1210502586 | E452P3N10011C4L  | 415  | 1210502680 | E452N3N03011C42  | 455  | 1210502893 | W452N3N5001RC3B  | D |
|   | 336                 | 1210502488 | E452P3N30011C4M  | 376  | 1210502589 | E452N3N5001PC4M  | 416  | 1210502681 | E452N3N50011C3H  | 456  | 1210502894 | W452P3N5001RC4B  | D |
|   | 337                 | 1210502492 | E452Y3N20011A14  | 377  | 1210502590 | E452I2N40011C4M  | 417  | 1210502682 | E452P2N03011C4H  | 457  | 1210502908 | W452N3N5001RC4C  | D |
|   | 338                 | 1210502495 | E452A3A30012C4G  | 378  | 1210502596 | E452P3N20012C4H  | 418  | 1210502683 | E452P2N05011C4H  | 458  | 1210502909 | W452N3N10K1RC4E  | D |
|   | 339                 | 1210502497 | E452N3N4001RA1G  | 379  | 1210502599 | E452P2N10K12C4B  | 419  | 1210502686 | E452N2N15011C4B  | 459  | 1210502910 | W452N3N10K1RC4C  | D |
| C | 340                 | 1210502501 | E452B3A30012C3H  | 380  | 1210502601 | E452A2A30021C4H  | 420  | 1210502687 | E452N3N10K1RC4H  | 460  | 1210502911 | W452F4N5001RC4B  | D |
|   | 341                 | 1210502505 | E452P2N15K11C4H  | 381  | 1210502605 | E452P3N15K1PC4H  | 421  | 1210502690 | E452N3N0501NC31  | 461  | 1210502914 | W452N3N3001RR2M  | C |
|   | 342                 | 1210502507 | E452N3N20014S04  | 382  | 1210502606 | E452N3N2001PA1H  | 422  | 1210502706 | W452N2N5001RC4B  | 462  | 1210502915 | W452N3N5001RC4A  | C |
|   | 343                 | 1210502510 | E452N3N1001RC4H  | 383  | 1210502607 | E452D2N50011C4H  | 423  | 1210502712 | W452I2N50011S0H  | 463  | 1210502916 | E452N3N0501RC4A  | C |
|   | 344                 | 1210502518 | E452A3A50011R2L  | 384  | 1210502609 | E452N2N30011C45  | 424  | 1210502715 | W452I2N10K11S0H  | 464  | 1210502922 | W452I2N50011C7H  | C |
|   | 345                 | 1210502520 | E452N3N2001PS02  | 385  | 1210502616 | E452I2N60011C4M  | 425  | 1210502750 | W452N3N3001RR2B  | 465  | 1210502923 | W452I2N20011C7H  | C |
|   | 346                 | 1210502522 | E452I4N60011C3H  | 386  | 1210502619 | E452B3A3001PA1H  | 426  | 1210502751 | W452N4N2001RS01  | 466  | 1210502924 | W452I4N3006PC3B  | C |
|   | 347                 | 1210502523 | E452P2N40011C3B  | 387  | 1210502620 | E452B3A3001PA1L  | 427  | 1210502752 | W452N3N2001R000  | 467  | 1210502925 | W452I4N15K6PC3B  | C |
|   | 348                 | 1210502524 | E452P2N20011C3B  | 388  | 1210502621 | E452B3A3001PA1M  | 428  | 1210502753 | W452N3N15K1RC4B  | 468  | 1210502934 | W452N3N5001RC4H  | C |
|   | 349                 | 1210502525 | E452Y3N20011A12  | 389  | 1210502624 | E452P3N20011C4L  | 429  | 1210502755 | W452N3N30011C45  | 469  | 1210502942 | W452I2N10K6PC3B  | C |
| B | 350                 | 1210502526 | E452P3N0751PC4M  | 390  | 1210502627 | E452I2N60011C4H  | 430  | 1210502758 | W452I4N20011C7H  | 470  | 1210502953 | W452I2N5006PC3B  | C |
|   | 351                 | 1210502527 | E452I4N15011A1H  | 391  | 1210502632 | E452I2N20011S12  | 431  | 1210502762 | W452I4N20011C4L  | 471  | 1210502955 | W452N3N10K1RC4D  | B |
|   | 352                 | 1210502530 | E452I4G40011C42  | 392  | 1210502633 | E452Y3N50011C42  | 432  | 1210502764 | W452I4N20011C4M  | 472  | 1210502956 | W452N3N30011C44  | B |
|   | 353                 | 1210502531 | E452I4G50011C42  | 393  | 1210502634 | E452I4N3001PR2M  | 433  | 1210502821 | W452I4N50011C7H  | 473  | 1210502958 | W452N3N2001RC3B  | B |
|   | 354                 | 1210502539 | E452N3N12011C4M  | 394  | 1210502635 | E452Y3N20011A15  | 434  | 1210502859 | W452N3N10K1RC4B  | 474  | 1210502968 | W452P3N10K1RS0H  | B |
|   | 355                 | 1210502540 | E452A2A11K12000  | 395  | 1210502638 | E452N3N25041C42  | 435  | 1210502860 | W452F4N10K1RS0B  | 475  | 1210502970 | W452F4N3001RC4B  | B |
|   | 356                 | 1210502543 | E452P2N50011C4G  | 396  | 1210502639 | E452A3A3001RC32  | 436  | 1210502861 | W452A3A10K1RS0H  | 476  | 1210502973 | E452I4G30011C42  | B |
|   | 357                 | 1210502548 | E452I4G10K11C4H  | 397  | 1210502640 | E452A3A10K1RC32  | 437  | 1210502862 | W452N3N3001RC4D  | 477  | 1210502974 | W452P3N3001RA1G  | B |
|   | 358                 | 1210502549 | E452I4G15K11C4H  | 398  | 1210502641 | E452A3A3001RC44  | 438  | 1210502863 | W452N3N3001RC4B  | 478  | 1210502976 | E452N3N10011C4L  | B |
|   | 359                 | 1210502551 | E452N2N20011E05  | 399  | 1210502642 | E452A3A10K1RC34  | 439  | 1210502864 | W452N3N2001RR05  | 479  | 1210502977 | E452N3N30011A11  | B |
| A | 360                 | 1210502554 | E452N3N5001PS02  | 400  | 1210502646 | E452I4G30011C4L  | 440  | 1210502865 | W452N3N2001RC4B  | 480  | 1210502982 | E452A3A10012C4H  | B |
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|   |                     |            |                  |      |            |                  |      |            |                  |      |            |                  | A |
|   |                     |            |                  |      |            |                  |      |            |                  |      |            |                  | A |
|   |                     |            |                  |      |            |                  |      |            |                  |      |            |                  | A |
|   |                     |            |                  |      |            |                  |      |            |                  |      |            |                  | A |
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|   |                     |            |                  |      |            |                  |      |            |                  |      |            |                  | A |
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|   |                     |            |                  |      |            |                  |      |            |                  |      |            | A                |   |
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|   |                     |            |                  |      |            |                  |      |            |                  |      |            | A                |   |
|   |                     |            |                  |      |            |                  |      |            |                  |      |            | A                |   |
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| 610  | 1210503463 | E452N3N05011C41  |
| 611  | 1210503464 | W452B2A1501PS3H  |
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| TABLE 3 - PART LIST |            |                  |      |            |                  |      |            |                  |      |            |                  |
| Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: |
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| 1004                | 2210501385 | E452A2A30011A1E  | 1044 | N/A        | N/A              | 1084 | 2210501479 | E452A2A50011A11  | 1124 | 2210501519 | E452A2A50011C4G  |
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| 1008                | 2210501389 | E452A2A30011A1L  | 1048 | N/A        | N/A              | 1088 | 2210501483 | E452A2A50011A15  | 1128 | 2210501523 | E452A2A50011C4M  |
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| 1031                | 2210501412 | E452A2A30011C4C  | 1071 | 2210501466 | E452A2A30011S03  | 1111 | 2210501506 | E452A2A50011C3K  | 1151 | 2210501560 | E452A2A50011R2B  |
| 1032                | 2210501413 | E452A2A30011C4D  | 1072 | 2210501467 | E452A2A30011S04  | 1112 | 2210501507 | E452A2A50011C3L  | 1152 | 2210501561 | E452A2A50011R2C  |
| 1033                | 2210501414 | E452A2A30011C4E  | 1073 | 2210501468 | E452A2A30011S05  | 1113 | 2210501508 | E452A2A50011C3M  | 1153 | 2210501562 | E452A2A50011R2D  |
| 1034                | 2210501415 | E452A2A30011C4G  | 1074 | 2210501469 | E452A2A30011S0A  | 1114 | 2210501509 | E452A2A50011C41  | 1154 | 2210501563 | E452A2A50011R2E  |
| 1035                | 2210501416 | E452A2A30011C4K  | 1075 | 2210501470 | E452A2A30011S0B  | 1115 | 2210501510 | E452A2A50011C42  | 1155 | 2210501564 | E452A2A50011R2G  |
| 1036                | 2210501417 | E452A2A30011C4L  | 1076 | 2210501471 | E452A2A30011S0C  | 1116 | 2210501511 | E452A2A50011C43  | 1156 | 2210501565 | E452A2A50011R2H  |
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| 1038                | 2210501423 | E452A2A30011E05  | 1078 | 2210501473 | E452A2A30011S0E  | 1118 | 2210501513 | E452A2A50011C45  | 1158 | 2210501567 | E452A2A50011R2L  |
| 1039                | N/A        | N/A              | 1079 | 2210501474 | E452A2A30011S0G  | 1119 | 2210501514 | E452A2A50011C4A  | 1159 | 2210501568 | E452A2A50011R2M  |
| 1040                | N/A        | N/A              | 1080 | 2210501475 | E452A2A30011S0K  | 1120 | 2210501515 | E452A2A50011C4B  | 1160 | 2210501569 | E452A2A50011S01  |

|                                                                                                                                               |   |       |      |                                                                                                                       |   |            |  |                                                                         |  |                 |                 |                |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|-----------------------------------------------------------------------------------------------------------------------|---|------------|--|-------------------------------------------------------------------------|--|-----------------|-----------------|----------------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |      |                                                                                                                       |   |            |  |                                                                         |  |                 |                 |                |              |
| DIMENSION UNITS                                                                                                                               |   | SCALE |      | CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP                                                     |   |            |  | <div>molex</div> <div>E452XXXXXXXXXX<br/>DIN FORM A EN 175301-803</div> |  |                 |                 |                |              |
| mm                                                                                                                                            |   | NTS   |      |                                                                                                                       |   |            |  |                                                                         |  |                 |                 |                |              |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |      | EC NO: 714567<br>DRWN: SUGEEB<br>CHK'D: GGA<br>APPR: GGA<br>INITIAL REVISION:<br>DRWN: JMARSZALEK<br>APPR: MDYSZEWSKA |   |            |  |                                                                         |  |                 | DOCUMENT NUMBER |                | DOC TYPE     |
|                                                                                                                                               |   | MM    | INCH |                                                                                                                       |   |            |  | SD-121050-001                                                           |  | PSD             | 001             | E1             |              |
| 4 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                       |   |            |  |                                                                         |  |                 |                 |                |              |
| 3 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                       |   |            |  |                                                                         |  |                 |                 |                |              |
| 2 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                       |   |            |  |                                                                         |  |                 |                 |                |              |
| 1 PLACE                                                                                                                                       | ± |       | ±    | 2022/07/18                                                                                                            |   |            |  |                                                                         |  |                 |                 |                |              |
| 0 PLACES                                                                                                                                      | ± |       | ±    | 2022/07/19                                                                                                            |   |            |  |                                                                         |  |                 |                 |                |              |
| ANGULAR TOL                                                                                                                                   |   |       |      | ±                                                                                                                     | ° | 2012/08/27 |  | 2012/08/20                                                              |  |                 |                 |                |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |   |       |      | FIRST ANGLE PROJECTION                                                                                                |   | DRAWING    |  | SERIES                                                                  |  | MATERIAL NUMBER |                 | CUSTOMER       | SHEET NUMBER |
|                                                                                                                                               |   |       |      |                                                                                                                       |   | A3-SIZE    |  | 121050                                                                  |  | SEE TABLE       |                 | GENERAL MARKET |              |
|                                                                                                                                               |   |       |      |                                                                                                                       |   |            |  |                                                                         |  |                 |                 | 10 OF 41       |              |

|                 |    |              |            |          |   |   |   |   |   |   |   |   |   |
|-----------------|----|--------------|------------|----------|---|---|---|---|---|---|---|---|---|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/07/19 | 09:04:35 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
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| 1444 | 2210501895 | E452A3A15011S0K  |
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| 1446 | 2210501897 | E452A3A15011S0M  |
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| 1450 | 2210501901 | E452A3A20011A13  |
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| 1452 | 2210501903 | E452A3A20011A15  |
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| 1454 | 2210501905 | E452A3A20011A1B  |
| 1455 | 2210501906 | E452A3A20011A1C  |
| 1456 | 2210501907 | E452A3A20011A1D  |
| 1457 | 2210501908 | E452A3A20011A1E  |
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| 1529 | 2210501994 | E452A3A20011S0E  |
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| 1531 | 2210501996 | E452A3A20011S0H  |
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| 1608 | 2210502087 | E452A3A30011S02  |
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REVISION: E  
DATE: 2020/01/14



|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
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|                                    | 10                  | 9               | 8                | 7               | 6          | 5                | 4               | 3               | 2                | 1               |                 |                  |
| F                                  | TABLE 3 - PART LIST |                 |                  |                 |            |                  |                 |                 |                  |                 | F               |                  |
| E                                  | Pos.                | Molex PN:       | Engineering No.: | Pos.            | Molex PN:  | Engineering No.: | Pos.            | Molex PN:       | Engineering No.: | Pos.            | Molex PN:       | Engineering No.: |
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|                                    | 1802                | 2210502309      | E452B2A10K11000  | 1842            | 2210502349 | E452B2A10K11C4E  | 1882            | 2210502403      | E452B2A10K11S04  | 1922            | 2210502443      | E452B2A15011C3K  |
|                                    | 1803                | 2210502310      | E452B2A10K11A11  | 1843            | 2210502350 | E452B2A10K11C4G  | 1883            | 2210502404      | E452B2A10K11S05  | 1923            | 2210502444      | E452B2A15011C3L  |
|                                    | 1804                | 2210502311      | E452B2A10K11A12  | 1844            | 2210502351 | E452B2A10K11C4H  | 1884            | 2210502405      | E452B2A10K11S0A  | 1924            | 2210502445      | E452B2A15011C3M  |
|                                    | 1805                | 2210502312      | E452B2A10K11A13  | 1845            | 2210502352 | E452B2A10K11C4K  | 1885            | 2210502406      | E452B2A10K11S0B  | 1925            | 2210502446      | E452B2A15011C41  |
|                                    | 1806                | 2210502313      | E452B2A10K11A14  | 1846            | 2210502353 | E452B2A10K11C4L  | 1886            | 2210502407      | E452B2A10K11S0C  | 1926            | 2210502447      | E452B2A15011C42  |
|                                    | 1807                | 2210502314      | E452B2A10K11A15  | 1847            | 2210502354 | E452B2A10K11C4M  | 1887            | 2210502408      | E452B2A10K11S0D  | 1927            | 2210502448      | E452B2A15011C43  |
|                                    | 1808                | 2210502315      | E452B2A10K11A1A  | 1848            | 2210502359 | E452B2A10K11E05  | 1888            | 2210502409      | E452B2A10K11S0E  | 1928            | 2210502449      | E452B2A15011C44  |
|                                    | 1809                | 2210502316      | E452B2A10K11A1B  | 1849            | N/A        | N/A              | 1889            | 2210502410      | E452B2A10K11S0G  | 1929            | 2210502450      | E452B2A15011C45  |
|                                    | 1810                | 2210502317      | E452B2A10K11A1C  | 1850            | N/A        | N/A              | 1890            | 2210502411      | E452B2A10K11S0H  | 1930            | 2210502451      | E452B2A15011C4A  |
|                                    | 1811                | 2210502318      | E452B2A10K11A1D  | 1851            | N/A        | N/A              | 1891            | 2210502412      | E452B2A10K11S0K  | 1931            | 2210502452      | E452B2A15011C4B  |
|                                    | 1812                | 2210502319      | E452B2A10K11A1E  | 1852            | N/A        | N/A              | 1892            | 2210502413      | E452B2A10K11S0L  | 1932            | 2210502453      | E452B2A15011C4C  |
|                                    | 1813                | 2210502320      | E452B2A10K11A1G  | 1853            | 2210502374 | E452B2A10K11R05  | 1893            | 2210502414      | E452B2A10K11S0M  | 1933            | 2210502454      | E452B2A15011C4D  |
|                                    | 1814                | 2210502321      | E452B2A10K11A1H  | 1854            | N/A        | N/A              | 1894            | 2210502415      | E452B2A15011000  | 1934            | 2210502455      | E452B2A15011C4E  |
| 1815                               | 2210502322          | E452B2A10K11A1K | 1855             | N/A             | N/A        | 1895             | 2210502416      | E452B2A15011A11 | 1935             | 2210502456      | E452B2A15011C4G |                  |
| D                                  | 1816                | 2210502323      | E452B2A10K11A1L  | 1856            | N/A        | N/A              | 1896            | 2210502417      | E452B2A15011A12  | 1936            | 2210502457      | E452B2A15011C4H  |
|                                    | 1817                | 2210502324      | E452B2A10K11A1M  | 1857            | N/A        | N/A              | 1897            | 2210502418      | E452B2A15011A13  | 1937            | 2210502458      | E452B2A15011C4K  |
|                                    | 1818                | 2210502325      | E452B2A10K11C31  | 1858            | N/A        | N/A              | 1898            | 2210502419      | E452B2A15011A14  | 1938            | 2210502459      | E452B2A15011C4L  |
|                                    | 1819                | 2210502326      | E452B2A10K11C32  | 1859            | N/A        | N/A              | 1899            | 2210502420      | E452B2A15011A15  | 1939            | 2210502460      | E452B2A15011C4M  |
|                                    | 1820                | 2210502327      | E452B2A10K11C33  | 1860            | N/A        | N/A              | 1900            | 2210502421      | E452B2A15011A1A  | 1940            | 2210502465      | E452B2A15011E05  |
|                                    | 1821                | 2210502328      | E452B2A10K11C34  | 1861            | N/A        | N/A              | 1901            | 2210502422      | E452B2A15011A1B  | 1941            | N/A             | N/A              |
|                                    | 1822                | 2210502329      | E452B2A10K11C35  | 1862            | N/A        | N/A              | 1902            | 2210502423      | E452B2A15011A1C  | 1942            | N/A             | N/A              |
|                                    | 1823                | 2210502330      | E452B2A10K11C3A  | 1863            | N/A        | N/A              | 1903            | 2210502424      | E452B2A15011A1D  | 1943            | N/A             | N/A              |
|                                    | 1824                | 2210502331      | E452B2A10K11C3B  | 1864            | 2210502385 | E452B2A10K11R21  | 1904            | 2210502425      | E452B2A15011A1E  | 1944            | N/A             | N/A              |
|                                    | 1825                | 2210502332      | E452B2A10K11C3C  | 1865            | 2210502386 | E452B2A10K11R22  | 1905            | 2210502426      | E452B2A15011A1G  | 1945            | 2210502480      | E452B2A15011R05  |
|                                    | 1826                | 2210502333      | E452B2A10K11C3D  | 1866            | 2210502387 | E452B2A10K11R23  | 1906            | 2210502427      | E452B2A15011A1H  | 1946            | N/A             | N/A              |
|                                    | 1827                | 2210502334      | E452B2A10K11C3E  | 1867            | 2210502388 | E452B2A10K11R24  | 1907            | 2210502428      | E452B2A15011A1K  | 1947            | N/A             | N/A              |
|                                    | 1828                | 2210502335      | E452B2A10K11C3G  | 1868            | 2210502389 | E452B2A10K11R25  | 1908            | 2210502429      | E452B2A15011A1L  | 1948            | N/A             | N/A              |
|                                    | 1829                | 2210502336      | E452B2A10K11C3H  | 1869            | 2210502390 | E452B2A10K11R2A  | 1909            | 2210502430      | E452B2A15011A1M  | 1949            | N/A             | N/A              |
|                                    | C                   | 1830            | 2210502337       | E452B2A10K11C3K | 1870       | 2210502391       | E452B2A10K11R2B | 1910            | 2210502431       | E452B2A15011C31 | 1950            | N/A              |
| 1831                               |                     | 2210502338      | E452B2A10K11C3L  | 1871            | 2210502392 | E452B2A10K11R2C  | 1911            | 2210502432      | E452B2A15011C32  | 1951            | N/A             | N/A              |
| 1832                               |                     | 2210502339      | E452B2A10K11C3M  | 1872            | 2210502393 | E452B2A10K11R2D  | 1912            | 2210502433      | E452B2A15011C33  | 1952            | N/A             | N/A              |
| 1833                               |                     | 2210502340      | E452B2A10K11C41  | 1873            | 2210502394 | E452B2A10K11R2E  | 1913            | 2210502434      | E452B2A15011C34  | 1953            | N/A             | N/A              |
| 1834                               |                     | 2210502341      | E452B2A10K11C42  | 1874            | 2210502395 | E452B2A10K11R2G  | 1914            | 2210502435      | E452B2A15011C35  | 1954            | N/A             | N/A              |
| 1835                               |                     | 2210502342      | E452B2A10K11C43  | 1875            | 2210502396 | E452B2A10K11R2H  | 1915            | 2210502436      | E452B2A15011C3A  | 1955            | N/A             | N/A              |
| 1836                               |                     | 2210502343      | E452B2A10K11C44  | 1876            | 2210502397 | E452B2A10K11R2K  | 1916            | 2210502437      | E452B2A15011C3B  | 1956            | 2210502491      | E452B2A15011R21  |
| 1837                               |                     | 2210502344      | E452B2A10K11C45  | 1877            | 2210502398 | E452B2A10K11R2L  | 1917            | 2210502438      | E452B2A15011C3C  | 1957            | 2210502492      | E452B2A15011R22  |
| 1838                               |                     | 2210502345      | E452B2A10K11C4A  | 1878            | 2210502399 | E452B2A10K11R2M  | 1918            | 2210502439      | E452B2A15011C3D  | 1958            | 2210502493      | E452B2A15011R23  |
| 1839                               |                     | 2210502346      | E452B2A10K11C4B  | 1879            | 2210502400 | E452B2A10K11S01  | 1919            | 2210502440      | E452B2A15011C3E  | 1959            | 2210502494      | E452B2A15011R24  |
| 1840                               |                     | 2210502347      | E452B2A10K11C4C  | 1880            | 2210502401 | E452B2A10K11S02  | 1920            | 2210502441      | E452B2A15011C3G  | 1960            | 2210502495      | E452B2A15011R25  |
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|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
| A                                  |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
|                                    |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
| DOCUMENT STATUS                    |                     |                 | P1               | RELEASE DATE    | 2022/07/19 | 09:04:35         |                 |                 |                  |                 |                 |                  |
| FORMAT: Met-lega-master-ib-prod-A3 |                     |                 | 9                | 8               | 7          | 6                | 5               | 4               | 3                | 2               | 1               |                  |
| REVISION: E                        |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |
| DATE: 2020/01/14                   |                     |                 |                  |                 |            |                  |                 |                 |                  |                 |                 |                  |

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

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3 PLACES

±

±

2 PLACES

±

±

1 PLACE

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0 PLACES

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ANGULAR TOL

± °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

121050

CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/

|                     |            |                  |      |            |                  |      |            |                  |   |
|---------------------|------------|------------------|------|------------|------------------|------|------------|------------------|---|
| 10                  | 9          | 8                | 7    | 6          | 5                | 4    | 3          | 2                | 1 |
| TABLE 3 - PART LIST |            |                  |      |            |                  |      |            |                  |   |
| Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: |   |
| 1961                | 2210502496 | E452B2A15011R2A  | 2001 | 2210502536 | E452B2A20011A1M  | 2041 | N/A        | N/A              |   |
| 1962                | 2210502497 | E452B2A15011R2B  | 2002 | 2210502537 | E452B2A20011C31  | 2042 | N/A        | N/A              |   |
| 1963                | 2210502498 | E452B2A15011R2C  | 2003 | 2210502538 | E452B2A20011C32  | 2043 | N/A        | N/A              |   |
| 1964                | 2210502499 | E452B2A15011R2D  | 2004 | 2210502539 | E452B2A20011C33  | 2044 | N/A        | N/A              |   |
| 1965                | 2210502500 | E452B2A15011R2E  | 2005 | 2210502540 | E452B2A20011C34  | 2045 | N/A        | N/A              |   |
| 1966                | 2210502501 | E452B2A15011R2G  | 2006 | 2210502541 | E452B2A20011C35  | 2046 | N/A        | N/A              |   |
| 1967                | 2210502502 | E452B2A15011R2H  | 2007 | 2210502542 | E452B2A20011C3A  | 2047 | N/A        | N/A              |   |
| 1968                | 2210502503 | E452B2A15011R2K  | 2008 | 2210502543 | E452B2A20011C3B  | 2048 | 2210502597 | E452B2A20011R21  |   |
| 1969                | 2210502504 | E452B2A15011R2L  | 2009 | 2210502544 | E452B2A20011C3C  | 2049 | 2210502598 | E452B2A20011R22  |   |
| 1970                | 2210502505 | E452B2A15011R2M  | 2010 | 2210502545 | E452B2A20011C3D  | 2050 | 2210502599 | E452B2A20011R23  |   |
| 1971                | 2210502506 | E452B2A15011S01  | 2011 | 2210502546 | E452B2A20011C3E  | 2051 | 2210502600 | E452B2A20011R24  |   |
| 1972                | 2210502507 | E452B2A15011S02  | 2012 | 2210502547 | E452B2A20011C3G  | 2052 | 2210502601 | E452B2A20011R25  |   |
| 1973                | 2210502508 | E452B2A15011S03  | 2013 | 2210502548 | E452B2A20011C3H  | 2053 | 2210502602 | E452B2A20011R2A  |   |
| 1974                | 2210502509 | E452B2A15011S04  | 2014 | 2210502549 | E452B2A20011C3K  | 2054 | 2210502603 | E452B2A20011R2B  |   |
| 1975                | 2210502510 | E452B2A15011S05  | 2015 | 2210502550 | E452B2A20011C3L  | 2055 | 2210502604 | E452B2A20011R2C  |   |
| 1976                | 2210502511 | E452B2A15011S0A  | 2016 | 2210502551 | E452B2A20011C3M  | 2056 | 2210502605 | E452B2A20011R2D  |   |
| 1977                | 2210502512 | E452B2A15011S0B  | 2017 | 2210502552 | E452B2A20011C41  | 2057 | 2210502606 | E452B2A20011R2E  |   |
| 1978                | 2210502513 | E452B2A15011S0C  | 2018 | 2210502553 | E452B2A20011C42  | 2058 | 2210502607 | E452B2A20011R2G  |   |
| 1979                | 2210502514 | E452B2A15011S0D  | 2019 | 2210502554 | E452B2A20011C43  | 2059 | 2210502608 | E452B2A20011R2H  |   |
| 1980                | 2210502515 | E452B2A15011S0E  | 2020 | 2210502555 | E452B2A20011C44  | 2060 | 2210502609 | E452B2A20011R2K  |   |
| 1981                | 2210502516 | E452B2A15011S0G  | 2021 | 2210502556 | E452B2A20011C45  | 2061 | 2210502610 | E452B2A20011R2L  |   |
| 1982                | 2210502517 | E452B2A15011S0H  | 2022 | 2210502557 | E452B2A20011C4A  | 2062 | 2210502611 | E452B2A20011R2M  |   |
| 1983                | 2210502518 | E452B2A15011S0K  | 2023 | 2210502558 | E452B2A20011C4B  | 2063 | 2210502612 | E452B2A20011S01  |   |
| 1984                | 2210502519 | E452B2A15011S0L  | 2024 | 2210502559 | E452B2A20011C4C  | 2064 | 2210502613 | E452B2A20011S02  |   |
| 1985                | 2210502520 | E452B2A15011S0M  | 2025 | 2210502560 | E452B2A20011C4D  | 2065 | 2210502614 | E452B2A20011S03  |   |
| 1986                | 2210502521 | E452B2A20011000  | 2026 | 2210502561 | E452B2A20011C4E  | 2066 | 2210502615 | E452B2A20011S04  |   |
| 1987                | 2210502522 | E452B2A20011A11  | 2027 | 2210502562 | E452B2A20011C4G  | 2067 | 2210502616 | E452B2A20011S05  |   |
| 1988                | 2210502523 | E452B2A20011A12  | 2028 | 2210502563 | E452B2A20011C4H  | 2068 | 2210502617 | E452B2A20011S0A  |   |
| 1989                | 2210502524 | E452B2A20011A13  | 2029 | 2210502564 | E452B2A20011C4K  | 2069 | 2210502618 | E452B2A20011S0B  |   |
| 1990                | 2210502525 | E452B2A20011A14  | 2030 | 2210502565 | E452B2A20011C4L  | 2070 | 2210502619 | E452B2A20011S0C  |   |
| 1991                | 2210502526 | E452B2A20011A15  | 2031 | 2210502566 | E452B2A20011C4M  | 2071 | 2210502620 | E452B2A20011S0D  |   |
| 1992                | 2210502527 | E452B2A20011A1A  | 2032 | 2210502571 | E452B2A20011E05  | 2072 | 2210502621 | E452B2A20011S0E  |   |
| 1993                | 2210502528 | E452B2A20011A1B  | 2033 | N/A        | N/A              | 2073 | 2210502622 | E452B2A20011S0G  |   |
| 1994                | 2210502529 | E452B2A20011A1C  | 2034 | N/A        | N/A              | 2074 | 2210502623 | E452B2A20011S0H  |   |
| 1995                | 2210502530 | E452B2A20011A1D  | 2035 | N/A        | N/A              | 2075 | 2210502624 | E452B2A20011S0K  |   |
| 1996                | 2210502531 | E452B2A20011A1E  | 2036 | N/A        | N/A              | 2076 | 2210502625 | E452B2A20011S0L  |   |
| 1997                | 2210502532 | E452B2A20011A1G  | 2037 | 2210502586 | E452B2A20011R05  | 2077 | 2210502626 | E452B2A20011S0M  |   |
| 1998                | 2210502533 | E452B2A20011A1H  | 2038 | N/A        | N/A              | 2078 | 2210502627 | E452B2A30011000  |   |
| 1999                | 2210502534 | E452B2A20011A1K  | 2039 | N/A        | N/A              | 2079 | 2210502628 | E452B2A30011A11  |   |
| 2000                | 2210502535 | E452B2A20011A1L  | 2040 | N/A        | N/A              | 2080 | 2210502629 | E452B2A30011A12  |   |

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|             |    |      |
|-------------|----|------|
|             | MM | INCH |
| 4 PLACES    | ±  | ±    |
| 3 PLACES    | ±  | ±    |
| 2 PLACES    | ±  | ±    |
| 1 PLACE     | ±  | ±    |
| 0 PLACES    | ±  | ±    |
| ANGULAR TOL | ±  | °    |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

121050

CURRENT REV DESC: REVISION CREATED FOR  
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

molex

E452XXXXXXXXXX  
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

16 OF 41

DOCUMENT STATUS

P1

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FORMAT: Met-lega-master-ib-prod-A3

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|                 | 10                  | 9          | 8                | 7    | 6            | 5                | 4        | 3          | 2                | 1    |   |
| F               | TABLE 3 - PART LIST |            |                  |      |              |                  |          |            |                  |      | F |
|                 | Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:    | Engineering No.: | Pos.     | Molex PN:  | Engineering No.: | Pos. |   |
|                 | 2281                | 2210502858 | E452B3A10011C3A  | 2321 | N/A          | N/A              | 2361     | 2210502952 | E452B3A10K11A1D  | 2401 |   |
|                 | 2282                | 2210502859 | E452B3A10011C3B  | 2322 | 2210502913   | E452B3A10011R21  | 2362     | 2210502953 | E452B3A10K11A1E  | 2402 |   |
|                 | 2283                | 2210502860 | E452B3A10011C3C  | 2323 | 2210502914   | E452B3A10011R22  | 2363     | 2210502954 | E452B3A10K11A1G  | 2403 |   |
|                 | 2284                | 2210502861 | E452B3A10011C3D  | 2324 | 2210502915   | E452B3A10011R23  | 2364     | 2210502955 | E452B3A10K11A1H  | 2404 |   |
|                 | 2285                | 2210502862 | E452B3A10011C3E  | 2325 | 2210502916   | E452B3A10011R24  | 2365     | 2210502956 | E452B3A10K11A1K  | 2405 |   |
|                 | 2286                | 2210502863 | E452B3A10011C3G  | 2326 | 2210502917   | E452B3A10011R25  | 2366     | 2210502957 | E452B3A10K11A1L  | 2406 |   |
|                 | 2287                | 2210502864 | E452B3A10011C3H  | 2327 | 2210502918   | E452B3A10011R2A  | 2367     | 2210502958 | E452B3A10K11A1M  | 2407 |   |
|                 | 2288                | 2210502865 | E452B3A10011C3K  | 2328 | 2210502919   | E452B3A10011R2B  | 2368     | 2210502959 | E452B3A10K11C31  | 2408 |   |
| E               | 2289                | 2210502866 | E452B3A10011C3L  | 2329 | 2210502920   | E452B3A10011R2C  | 2369     | 2210502960 | E452B3A10K11C32  | 2409 | E |
|                 | 2290                | 2210502867 | E452B3A10011C3M  | 2330 | 2210502921   | E452B3A10011R2D  | 2370     | 2210502961 | E452B3A10K11C33  | 2410 |   |
|                 | 2291                | 2210502868 | E452B3A10011C41  | 2331 | 2210502922   | E452B3A10011R2E  | 2371     | 2210502962 | E452B3A10K11C34  | 2411 |   |
|                 | 2292                | 2210502869 | E452B3A10011C42  | 2332 | 2210502923   | E452B3A10011R2G  | 2372     | 2210502963 | E452B3A10K11C35  | 2412 |   |
|                 | 2293                | 2210502870 | E452B3A10011C43  | 2333 | 2210502924   | E452B3A10011R2H  | 2373     | 2210502964 | E452B3A10K11C3A  | 2413 |   |
|                 | 2294                | 2210502871 | E452B3A10011C44  | 2334 | 2210502925   | E452B3A10011R2K  | 2374     | 2210502965 | E452B3A10K11C3B  | 2414 |   |
|                 | 2295                | 2210502872 | E452B3A10011C45  | 2335 | 2210502926   | E452B3A10011R2L  | 2375     | 2210502966 | E452B3A10K11C3C  | 2415 |   |
|                 | 2296                | 2210502873 | E452B3A10011C4A  | 2336 | 2210502927   | E452B3A10011R2M  | 2376     | 2210502967 | E452B3A10K11C3D  | 2416 |   |
|                 | 2297                | 2210502874 | E452B3A10011C4B  | 2337 | 2210502928   | E452B3A10011S01  | 2377     | 2210502968 | E452B3A10K11C3E  | 2417 |   |
|                 | 2298                | 2210502875 | E452B3A10011C4C  | 2338 | 2210502929   | E452B3A10011S02  | 2378     | 2210502969 | E452B3A10K11C3G  | 2418 |   |
| D               | 2299                | 2210502876 | E452B3A10011C4D  | 2339 | 2210502930   | E452B3A10011S03  | 2379     | 2210502970 | E452B3A10K11C3H  | 2419 | D |
|                 | 2300                | 2210502877 | E452B3A10011C4E  | 2340 | 2210502931   | E452B3A10011S04  | 2380     | 2210502971 | E452B3A10K11C3K  | 2420 |   |
|                 | 2301                | 2210502878 | E452B3A10011C4G  | 2341 | 2210502932   | E452B3A10011S05  | 2381     | 2210502972 | E452B3A10K11C3L  | 2421 |   |
|                 | 2302                | 2210502879 | E452B3A10011C4H  | 2342 | 2210502933   | E452B3A10011S0A  | 2382     | 2210502973 | E452B3A10K11C3M  | 2422 |   |
|                 | 2303                | 2210502880 | E452B3A10011C4K  | 2343 | 2210502934   | E452B3A10011S0B  | 2383     | 2210502974 | E452B3A10K11C41  | 2423 |   |
|                 | 2304                | 2210502881 | E452B3A10011C4L  | 2344 | 2210502935   | E452B3A10011S0C  | 2384     | 2210502975 | E452B3A10K11C42  | 2424 |   |
|                 | 2305                | 2210502882 | E452B3A10011C4M  | 2345 | 2210502936   | E452B3A10011S0D  | 2385     | 2210502976 | E452B3A10K11C43  | 2425 |   |
|                 | 2306                | 2210502887 | E452B3A10011E05  | 2346 | 2210502937   | E452B3A10011S0E  | 2386     | 2210502977 | E452B3A10K11C44  | 2426 |   |
|                 | 2307                | N/A        | N/A              | 2347 | 2210502938   | E452B3A10011S0G  | 2387     | 2210502978 | E452B3A10K11C45  | 2427 |   |
|                 | 2308                | N/A        | N/A              | 2348 | 2210502939   | E452B3A10011S0H  | 2388     | 2210502979 | E452B3A10K11C4A  | 2428 |   |
| C               | 2309                | N/A        | N/A              | 2349 | 2210502940   | E452B3A10011S0K  | 2389     | 2210502980 | E452B3A10K11C4B  | 2429 | C |
|                 | 2310                | N/A        | N/A              | 2350 | 2210502941   | E452B3A10011S0L  | 2390     | 2210502981 | E452B3A10K11C4C  | 2430 |   |
|                 | 2311                | 2210502902 | E452B3A10011R05  | 2351 | 2210502942   | E452B3A10011S0M  | 2391     | 2210502982 | E452B3A10K11C4D  | 2431 |   |
|                 | 2312                | N/A        | N/A              | 2352 | 2210502943   | E452B3A10K11000  | 2392     | 2210502983 | E452B3A10K11C4E  | 2432 |   |
|                 | 2313                | N/A        | N/A              | 2353 | 2210502944   | E452B3A10K11A11  | 2393     | 2210502984 | E452B3A10K11C4G  | 2433 |   |
|                 | 2314                | N/A        | N/A              | 2354 | 2210502945   | E452B3A10K11A12  | 2394     | 2210502985 | E452B3A10K11C4H  | 2434 |   |
|                 | 2315                | N/A        | N/A              | 2355 | 2210502946   | E452B3A10K11A13  | 2395     | 2210502986 | E452B3A10K11C4K  | 2435 |   |
|                 | 2316                | N/A        | N/A              | 2356 | 2210502947   | E452B3A10K11A14  | 2396     | 2210502987 | E452B3A10K11C4L  | 2436 |   |
|                 | 2317                | N/A        | N/A              | 2357 | 2210502948   | E452B3A10K11A15  | 2397     | 2210502988 | E452B3A10K11C4M  | 2437 |   |
|                 | 2318                | N/A        | N/A              | 2358 | 2210502949   | E452B3A10K11A1A  | 2398     | 2210502993 | E452B3A10K11E05  | 2438 |   |
| B               | 2319                | N/A        | N/A              | 2359 | 2210502950   | E452B3A10K11A1B  | 2399     | N/A        | N/A              | 2439 | B |
|                 | 2320                | N/A        | N/A              | 2360 | 2210502951   | E452B3A10K11A1C  | 2400     | N/A        | N/A              | 2440 |   |
|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
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|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
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| A               |                     |            |                  |      |              |                  |          |            |                  |      | A |
|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
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|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
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|                 |                     |            |                  |      |              |                  |          |            |                  |      |   |
| DOCUMENT STATUS |                     |            |                  | P1   | RELEASE DATE | 2022/07/19       | 09:04:35 |            |                  |      |   |
|                 | 9                   | 8          | 7                | 6    | 5            | 4                | 3        | 2          | 1                |      |   |

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|             |    |      |
|-------------|----|------|
|             | MM | INCH |
| 4 PLACES    | ±  | ±    |
| 3 PLACES    | ±  | ±    |
| 2 PLACES    | ±  | ±    |
| 1 PLACE     | ±  | ±    |
| 0 PLACES    | ±  | ±    |
| ANGULAR TOL | ±  | °    |

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

FIRST ANGLE PROJECTION

DRAWING

SERIES

121050

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

18 OF 41

molex

E452XXXXXXXXXX

DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

FORMAT: Met-lega-master-ib-prod-A3

REVISION: E

DATE: 2020/01/14

E

1

DCBA[illegible]A





TABLE 3 - PART LIST

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 2921 | 2210503598 | E452I2N10011S0D  |
| 2922 | 2210503599 | E452I2N10011S0E  |
| 2923 | 2210503600 | E452I2N10011S0G  |
| 2924 | 2210503601 | E452I2N10011S0H  |
| 2925 | 2210503602 | E452I2N10011S0K  |
| 2926 | 2210503603 | E452I2N10011S0L  |
| 2927 | 2210503604 | E452I2N10011S0M  |
| 2928 | 2210503605 | E452I2N10K11000  |
| 2929 | 2210503606 | E452I2N10K11A11  |
| 2930 | 2210503607 | E452I2N10K11A12  |
| 2931 | 2210503608 | E452I2N10K11A13  |
| 2932 | 2210503609 | E452I2N10K11A14  |
| 2933 | 2210503610 | E452I2N10K11A15  |
| 2934 | 2210503611 | E452I2N10K11A1A  |
| 2935 | 2210503612 | E452I2N10K11A1B  |
| 2936 | 2210503613 | E452I2N10K11A1C  |
| 2937 | 2210503614 | E452I2N10K11A1D  |
| 2938 | 2210503615 | E452I2N10K11A1E  |
| 2939 | 2210503616 | E452I2N10K11A1G  |
| 2940 | 2210503617 | E452I2N10K11A1H  |
| 2941 | 2210503618 | E452I2N10K11A1K  |
| 2942 | 2210503619 | E452I2N10K11A1L  |
| 2943 | 2210503620 | E452I2N10K11A1M  |
| 2944 | 2210503621 | E452I2N10K11C31  |
| 2945 | 2210503622 | E452I2N10K11C32  |
| 2946 | 2210503623 | E452I2N10K11C33  |
| 2947 | 2210503624 | E452I2N10K11C34  |
| 2948 | 2210503625 | E452I2N10K11C35  |
| 2949 | 2210503626 | E452I2N10K11C3A  |
| 2950 | 2210503627 | E452I2N10K11C3B  |
| 2951 | 2210503628 | E452I2N10K11C3C  |
| 2952 | 2210503629 | E452I2N10K11C3D  |
| 2953 | 2210503630 | E452I2N10K11C3E  |
| 2954 | 2210503631 | E452I2N10K11C3G  |
| 2955 | 2210503632 | E452I2N10K11C3H  |
| 2956 | 2210503633 | E452I2N10K11C3K  |
| 2957 | 2210503634 | E452I2N10K11C3L  |
| 2958 | 2210503635 | E452I2N10K11C3M  |
| 2959 | 2210503636 | E452I2N10K11C41  |
| 2960 | 2210503637 | E452I2N10K11C42  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 2961 | 2210503638 | E452I2N10K11C43  |
| 2962 | 2210503639 | E452I2N10K11C44  |
| 2963 | 2210503640 | E452I2N10K11C45  |
| 2964 | 2210503641 | E452I2N10K11C4A  |
| 2965 | 2210503642 | E452I2N10K11C4B  |
| 2966 | 2210503643 | E452I2N10K11C4C  |
| 2967 | 2210503644 | E452I2N10K11C4D  |
| 2968 | 2210503645 | E452I2N10K11C4E  |
| 2969 | 2210503646 | E452I2N10K11C4G  |
| 2970 | 2210503647 | E452I2N10K11C4K  |
| 2971 | 2210503648 | E452I2N10K11C4L  |
| 2972 | 2210503649 | E452I2N10K11C4M  |
| 2973 | 2210503654 | E452I2N10K11E05  |
| 2974 | N/A        | N/A              |
| 2975 | N/A        | N/A              |
| 2976 | N/A        | N/A              |
| 2977 | N/A        | N/A              |
| 2978 | 2210503669 | E452I2N10K11R05  |
| 2979 | N/A        | N/A              |
| 2980 | N/A        | N/A              |
| 2981 | N/A        | N/A              |
| 2982 | N/A        | N/A              |
| 2983 | N/A        | N/A              |
| 2984 | N/A        | N/A              |
| 2985 | N/A        | N/A              |
| 2986 | N/A        | N/A              |
| 2987 | N/A        | N/A              |
| 2988 | N/A        | N/A              |
| 2989 | 2210503680 | E452I2N10K11R21  |
| 2990 | 2210503681 | E452I2N10K11R22  |
| 2991 | 2210503682 | E452I2N10K11R23  |
| 2992 | 2210503683 | E452I2N10K11R24  |
| 2993 | 2210503684 | E452I2N10K11R25  |
| 2994 | 2210503685 | E452I2N10K11R2A  |
| 2995 | 2210503686 | E452I2N10K11R2B  |
| 2996 | 2210503687 | E452I2N10K11R2C  |
| 2997 | 2210503688 | E452I2N10K11R2D  |
| 2998 | 2210503689 | E452I2N10K11R2E  |
| 2999 | 2210503690 | E452I2N10K11R2G  |
| 3000 | 2210503691 | E452I2N10K11R2H  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3001 | 2210503692 | E452I2N10K11R2K  |
| 3002 | 2210503693 | E452I2N10K11R2L  |
| 3003 | 2210503694 | E452I2N10K11R2M  |
| 3004 | 2210503695 | E452I2N10K11S01  |
| 3005 | 2210503696 | E452I2N10K11S02  |
| 3006 | 2210503697 | E452I2N10K11S03  |
| 3007 | 2210503698 | E452I2N10K11S04  |
| 3008 | 2210503699 | E452I2N10K11S05  |
| 3009 | 2210503700 | E452I2N10K11S0A  |
| 3010 | 2210503701 | E452I2N10K11S0B  |
| 3011 | 2210503702 | E452I2N10K11S0C  |
| 3012 | 2210503703 | E452I2N10K11S0D  |
| 3013 | 2210503704 | E452I2N10K11S0E  |
| 3014 | 2210503705 | E452I2N10K11S0G  |
| 3015 | 2210503706 | E452I2N10K11S0H  |
| 3016 | 2210503707 | E452I2N10K11S0K  |
| 3017 | 2210503708 | E452I2N10K11S0L  |
| 3018 | 2210503709 | E452I2N10K11S0M  |
| 3019 | 2210503710 | E452I2N15011000  |
| 3020 | 2210503711 | E452I2N15011A11  |
| 3021 | 2210503712 | E452I2N15011A12  |
| 3022 | 2210503713 | E452I2N15011A13  |
| 3023 | 2210503714 | E452I2N15011A14  |
| 3024 | 2210503715 | E452I2N15011A15  |
| 3025 | 2210503716 | E452I2N15011A1A  |
| 3026 | 2210503717 | E452I2N15011A1B  |
| 3027 | 2210503718 | E452I2N15011A1C  |
| 3028 | 2210503719 | E452I2N15011A1D  |
| 3029 | 2210503720 | E452I2N15011A1E  |
| 3030 | 2210503721 | E452I2N15011A1G  |
| 3031 | 2210503722 | E452I2N15011A1H  |
| 3032 | 2210503723 | E452I2N15011A1K  |
| 3033 | 2210503724 | E452I2N15011A1L  |
| 3034 | 2210503725 | E452I2N15011A1M  |
| 3035 | 2210503726 | E452I2N15011C31  |
| 3036 | 2210503727 | E452I2N15011C32  |
| 3037 | 2210503728 | E452I2N15011C33  |
| 3038 | 2210503729 | E452I2N15011C34  |
| 3039 | 2210503730 | E452I2N15011C35  |
| 3040 | 2210503731 | E452I2N15011C3A  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3041 | 2210503732 | E452I2N15011C3B  |
| 3042 | 2210503733 | E452I2N15011C3C  |
| 3043 | 2210503734 | E452I2N15011C3D  |
| 3044 | 2210503735 | E452I2N15011C3E  |
| 3045 | 2210503736 | E452I2N15011C3G  |
| 3046 | 2210503737 | E452I2N15011C3K  |
| 3047 | 2210503738 | E452I2N15011C3L  |
| 3048 | 2210503739 | E452I2N15011C3M  |
| 3049 | 2210503740 | E452I2N15011C41  |
| 3050 | 2210503741 | E452I2N15011C42  |
| 3051 | 2210503742 | E452I2N15011C43  |
| 3052 | 2210503743 | E452I2N15011C44  |
| 3053 | 2210503744 | E452I2N15011C45  |
| 3054 | 2210503745 | E452I2N15011C4A  |
| 3055 | 2210503746 | E452I2N15011C4B  |
| 3056 | 2210503747 | E452I2N15011C4C  |
| 3057 | 2210503748 | E452I2N15011C4D  |
| 3058 | 2210503749 | E452I2N15011C4E  |
| 3059 | 2210503750 | E452I2N15011C4G  |
| 3060 | 2210503751 | E452I2N15011C4H  |
| 3061 | 2210503752 | E452I2N15011C4K  |
| 3062 | 2210503753 | E452I2N15011C4L  |
| 3063 | 2210503754 | E452I2N15011C4M  |
| 3064 | 2210503759 | E452I2N15011E05  |
| 3065 | N/A        | N/A              |
| 3066 | N/A        | N/A              |
| 3067 | N/A        | N/A              |
| 3068 | N/A        | N/A              |
| 3069 | 2210503774 | E452I2N15011R05  |
| 3070 | N/A        | N/A              |
| 3071 | N/A        | N/A              |
| 3072 | N/A        | N/A              |
| 3073 | N/A        | N/A              |
| 3074 | N/A        | N/A              |
| 3075 | N/A        | N/A              |
| 3076 | N/A        | N/A              |
| 3077 | N/A        | N/A              |
| 3078 | N/A        | N/A              |
| 3079 | N/A        | N/A              |
| 3080 | 2210503785 | E452I2N15011R21  |

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|             | MM  | INCH |
|-------------|-----|------|
| 4 PLACES    | ±   | ±    |
| 3 PLACES    | ±   | ±    |
| 2 PLACES    | ±   | ±    |
| 1 PLACE     | ±   | ±    |
| 0 PLACES    | ±   | ±    |
| ANGULAR TOL | ± ° |      |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

121050

CURRENT REV DESC: REVISION CREATED FOR  
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

molex

E452XXXXXXXXXX

DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

22 OF 41

|                     |            |                  |      |            |                  |      |            |                  |   |
|---------------------|------------|------------------|------|------------|------------------|------|------------|------------------|---|
| 10                  | 9          | 8                | 7    | 6          | 5                | 4    | 3          | 2                | 1 |
| TABLE 3 - PART LIST |            |                  |      |            |                  |      |            |                  |   |
| Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: |   |
| 3081                | 2210503786 | E452I2N15011R22  | 3121 | 2210503826 | E452I2N20011C4G  | 3161 | 2210503879 | E452I2N20011S0A  |   |
| 3082                | 2210503787 | E452I2N15011R23  | 3122 | 2210503827 | E452I2N20011C4K  | 3162 | 2210503880 | E452I2N20011S0B  |   |
| 3083                | 2210503788 | E452I2N15011R24  | 3123 | 2210503828 | E452I2N20011C4L  | 3163 | 2210503881 | E452I2N20011S0C  |   |
| 3084                | 2210503789 | E452I2N15011R25  | 3124 | 2210503829 | E452I2N20011C4M  | 3164 | 2210503882 | E452I2N20011S0D  |   |
| 3085                | 2210503790 | E452I2N15011R2A  | 3125 | 2210503833 | E452I2N20011E05  | 3165 | 2210503883 | E452I2N20011S0E  |   |
| 3086                | 2210503791 | E452I2N15011R2B  | 3126 | N/A        | N/A              | 3166 | 2210503884 | E452I2N20011S0G  |   |
| 3087                | 2210503792 | E452I2N15011R2C  | 3127 | N/A        | N/A              | 3167 | 2210503885 | E452I2N20011S0H  |   |
| 3088                | 2210503793 | E452I2N15011R2D  | 3128 | N/A        | N/A              | 3168 | 2210503886 | E452I2N20011S0K  |   |
| 3089                | 2210503794 | E452I2N15011R2E  | 3129 | N/A        | N/A              | 3169 | 2210503887 | E452I2N20011S0L  |   |
| 3090                | 2210503795 | E452I2N15011R2G  | 3130 | 2210503848 | E452I2N20011R05  | 3170 | 2210503888 | E452I2N20011S0M  |   |
| 3091                | 2210503796 | E452I2N15011R2H  | 3131 | N/A        | N/A              | 3171 | 2210503889 | E452I2N20011S00  |   |
| 3092                | 2210503797 | E452I2N15011R2K  | 3132 | N/A        | N/A              | 3172 | 2210503890 | E452I2N20011S01  |   |
| 3093                | 2210503798 | E452I2N15011R2L  | 3133 | N/A        | N/A              | 3173 | 2210503891 | E452I2N20011S02  |   |
| 3094                | 2210503799 | E452I2N15011R2M  | 3134 | N/A        | N/A              | 3174 | 2210503892 | E452I2N20011S03  |   |
| 3095                | 2210503800 | E452I2N15011S01  | 3135 | N/A        | N/A              | 3175 | 2210503893 | E452I2N20011S04  |   |
| 3096                | 2210503801 | E452I2N15011S02  | 3136 | N/A        | N/A              | 3176 | 2210503894 | E452I2N20011S05  |   |
| 3097                | 2210503802 | E452I2N15011S03  | 3137 | N/A        | N/A              | 3177 | 2210503895 | E452I2N20011S06  |   |
| 3098                | 2210503803 | E452I2N15011S04  | 3138 | N/A        | N/A              | 3178 | 2210503896 | E452I2N20011S07  |   |
| 3099                | 2210503804 | E452I2N15011S05  | 3139 | N/A        | N/A              | 3179 | 2210503897 | E452I2N20011S08  |   |
| 3100                | 2210503805 | E452I2N15011S0A  | 3140 | N/A        | N/A              | 3180 | 2210503898 | E452I2N20011S09  |   |
| 3101                | 2210503806 | E452I2N15011S0B  | 3141 | 2210503859 | E452I2N20011R21  | 3181 | 2210503899 | E452I2N20011S00  |   |
| 3102                | 2210503807 | E452I2N15011S0C  | 3142 | 2210503860 | E452I2N20011R22  | 3182 | 2210503900 | E452I2N20011S01  |   |
| 3103                | 2210503808 | E452I2N15011S0D  | 3143 | 2210503861 | E452I2N20011R23  | 3183 | 2210503901 | E452I2N20011S02  |   |
| 3104                | 2210503809 | E452I2N15011S0E  | 3144 | 2210503862 | E452I2N20011R24  | 3184 | 2210503902 | E452I2N20011S03  |   |
| 3105                | 2210503810 | E452I2N15011S0F  | 3145 | 2210503863 | E452I2N20011R25  | 3185 | 2210503903 | E452I2N20011S04  |   |
| 3106                | 2210503811 | E452I2N15011S0G  | 3146 | 2210503864 | E452I2N20011R2A  | 3186 | 2210503904 | E452I2N20011S05  |   |
| 3107                | 2210503812 | E452I2N15011S0H  | 3147 | 2210503865 | E452I2N20011R2B  | 3187 | 2210503905 | E452I2N20011S06  |   |
| 3108                | 2210503813 | E452I2N15011S0I  | 3148 | 2210503866 | E452I2N20011R2C  | 3188 | 2210503906 | E452I2N20011S07  |   |
| 3109                | 2210503814 | E452I2N15011S0J  | 3149 | 2210503867 | E452I2N20011R2D  | 3189 | 2210503907 | E452I2N20011S08  |   |
| 3110                | 2210503815 | E452I2N15011S0K  | 3150 | 2210503868 | E452I2N20011R2E  | 3190 | 2210503908 | E452I2N20011S09  |   |
| 3111                | 2210503816 | E452I2N15011S0L  | 3151 | 2210503869 | E452I2N20011R2F  | 3191 | 2210503909 | E452I2N20011S00  |   |
| 3112                | 2210503817 | E452I2N15011S0M  | 3152 | 2210503870 | E452I2N20011R2G  | 3192 | 2210503910 | E452I2N20011S01  |   |
| 3113                | 2210503818 | E452I2N15011S0N  | 3153 | 2210503871 | E452I2N20011R2H  | 3193 | 2210503911 | E452I2N20011S02  |   |
| 3114                | 2210503819 | E452I2N15011S0O  | 3154 | 2210503872 | E452I2N20011R2I  | 3194 | 2210503912 | E452I2N20011S03  |   |
| 3115                | 2210503820 | E452I2N15011S0P  | 3155 | 2210503873 | E452I2N20011R2J  | 3195 | 2210503913 | E452I2N20011S04  |   |
| 3116                | 2210503821 | E452I2N15011S0Q  | 3156 | 2210503874 | E452I2N20011R2K  | 3196 | 2210503914 | E452I2N20011S05  |   |
| 3117                | 2210503822 | E452I2N15011S0R  | 3157 | 2210503875 | E452I2N20011R2L  | 3197 | 2210503915 | E452I2N20011S06  |   |
| 3118                | 2210503823 | E452I2N15011S0S  | 3158 | 2210503876 | E452I2N20011R2M  | 3198 | 2210503916 | E452I2N20011S07  |   |
| 3119                | 2210503824 | E452I2N15011S0T  | 3159 | 2210503877 | E452I2N20011R2N  | 3199 | 2210503917 | E452I2N20011S08  |   |
| 3120                | 2210503825 | E452I2N15011S0U  | 3160 | 2210503878 | E452I2N20011R2O  | 3200 | 2210503918 | E452I2N20011S09  |   |
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|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
|                     |            |                  |      |            |                  |      |            |                  |   |
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|                     |            |                  |      |            |                  |      |            |                  |   |
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|                     |            |                  |      |            |                  |      |            |                  |   |



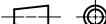
### TABLE 3 - PART LIST

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3401 | N/A        | N/A              |
| 3402 | N/A        | N/A              |
| 3403 | N/A        | N/A              |
| 3404 | N/A        | N/A              |
| 3405 | 2210504165 | E452I4N10011R21  |
| 3406 | 2210504166 | E452I4N10011R22  |
| 3407 | 2210504167 | E452I4N10011R23  |
| 3408 | 2210504168 | E452I4N10011R24  |
| 3409 | 2210504169 | E452I4N10011R25  |
| 3410 | 2210504170 | E452I4N10011R2A  |
| 3411 | 2210504171 | E452I4N10011R2B  |
| 3412 | 2210504172 | E452I4N10011R2C  |
| 3413 | 2210504173 | E452I4N10011R2D  |
| 3414 | 2210504174 | E452I4N10011R2E  |
| 3415 | 2210504175 | E452I4N10011R2G  |
| 3416 | 2210504176 | E452I4N10011R2H  |
| 3417 | 2210504177 | E452I4N10011R2K  |
| 3418 | 2210504178 | E452I4N10011R2L  |
| 3419 | 2210504179 | E452I4N10011R2M  |
| 3420 | 2210504180 | E452I4N10011S01  |
| 3421 | 2210504181 | E452I4N10011S02  |
| 3422 | 2210504182 | E452I4N10011S03  |
| 3423 | 2210504183 | E452I4N10011S04  |
| 3424 | 2210504184 | E452I4N10011S05  |
| 3425 | 2210504185 | E452I4N10011S0A  |
| 3426 | 2210504186 | E452I4N10011S0B  |
| 3427 | 2210504187 | E452I4N10011S0C  |
| 3428 | 2210504188 | E452I4N10011S0D  |
| 3429 | 2210504189 | E452I4N10011S0E  |
| 3430 | 2210504190 | E452I4N10011S0G  |
| 3431 | 2210504191 | E452I4N10011S0H  |
| 3432 | 2210504192 | E452I4N10011S0K  |
| 3433 | 2210504193 | E452I4N10011S0L  |
| 3434 | 2210504194 | E452I4N10011S0M  |
| 3435 | 2210504195 | E452I4N10K11000  |
| 3436 | 2210504196 | E452I4N10K11A11  |
| 3437 | 2210504197 | E452I4N10K11A12  |
| 3438 | 2210504198 | E452I4N10K11A13  |
| 3439 | 2210504199 | E452I4N10K11A14  |
| 3440 | 2210504200 | E452I4N10K11A15  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3441 | 2210504201 | E452I4N10K11A1A  |
| 3442 | 2210504202 | E452I4N10K11A1B  |
| 3443 | 2210504203 | E452I4N10K11A1C  |
| 3444 | 2210504204 | E452I4N10K11A1D  |
| 3445 | 2210504205 | E452I4N10K11A1E  |
| 3446 | 2210504206 | E452I4N10K11A1G  |
| 3447 | 2210504207 | E452I4N10K11A1H  |
| 3448 | 2210504208 | E452I4N10K11A1K  |
| 3449 | 2210504209 | E452I4N10K11A1L  |
| 3450 | 2210504210 | E452I4N10K11A1M  |
| 3451 | 2210504211 | E452I4N10K11C31  |
| 3452 | 2210504212 | E452I4N10K11C32  |
| 3453 | 2210504213 | E452I4N10K11C33  |
| 3454 | 2210504214 | E452I4N10K11C34  |
| 3455 | 2210504215 | E452I4N10K11C35  |
| 3456 | 2210504216 | E452I4N10K11C3A  |
| 3457 | 2210504217 | E452I4N10K11C3B  |
| 3458 | 2210504218 | E452I4N10K11C3C  |
| 3459 | 2210504219 | E452I4N10K11C3D  |
| 3460 | 2210504220 | E452I4N10K11C3E  |
| 3461 | 2210504221 | E452I4N10K11C3G  |
| 3462 | 2210504222 | E452I4N10K11C3K  |
| 3463 | 2210504223 | E452I4N10K11C3L  |
| 3464 | 2210504224 | E452I4N10K11C3M  |
| 3465 | 2210504225 | E452I4N10K11C41  |
| 3466 | 2210504226 | E452I4N10K11C42  |
| 3467 | 2210504227 | E452I4N10K11C43  |
| 3468 | 2210504228 | E452I4N10K11C44  |
| 3469 | 2210504229 | E452I4N10K11C45  |
| 3470 | 2210504230 | E452I4N10K11C4A  |
| 3471 | 2210504231 | E452I4N10K11C4B  |
| 3472 | 2210504232 | E452I4N10K11C4C  |
| 3473 | 2210504233 | E452I4N10K11C4D  |
| 3474 | 2210504234 | E452I4N10K11C4E  |
| 3475 | 2210504235 | E452I4N10K11C4G  |
| 3476 | 2210504236 | E452I4N10K11C4K  |
| 3477 | 2210504237 | E452I4N10K11C4M  |
| 3478 | 2210504242 | E452I4N10K11E05  |
| 3479 | N/A        | N/A              |
| 3480 | N/A        | N/A              |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3481 | N/A        | N/A              |
| 3482 | N/A        | N/A              |
| 3483 | 2210504257 | E452I4N10K11R05  |
| 3484 | N/A        | N/A              |
| 3485 | N/A        | N/A              |
| 3486 | N/A        | N/A              |
| 3487 | N/A        | N/A              |
| 3488 | N/A        | N/A              |
| 3489 | N/A        | N/A              |
| 3490 | N/A        | N/A              |
| 3491 | N/A        | N/A              |
| 3492 | N/A        | N/A              |
| 3493 | N/A        | N/A              |
| 3494 | 2210504268 | E452I4N10K11R21  |
| 3495 | 2210504269 | E452I4N10K11R22  |
| 3496 | 2210504270 | E452I4N10K11R23  |
| 3497 | 2210504271 | E452I4N10K11R24  |
| 3498 | 2210504272 | E452I4N10K11R25  |
| 3499 | 2210504273 | E452I4N10K11R2A  |
| 3500 | 2210504274 | E452I4N10K11R2B  |
| 3501 | 2210504275 | E452I4N10K11R2C  |
| 3502 | 2210504276 | E452I4N10K11R2D  |
| 3503 | 2210504277 | E452I4N10K11R2E  |
| 3504 | 2210504278 | E452I4N10K11R2G  |
| 3505 | 2210504279 | E452I4N10K11R2H  |
| 3506 | 2210504280 | E452I4N10K11R2K  |
| 3507 | 2210504281 | E452I4N10K11R2L  |
| 3508 | 2210504282 | E452I4N10K11R2M  |
| 3509 | 2210504283 | E452I4N10K11S01  |
| 3510 | 2210504284 | E452I4N10K11S02  |
| 3511 | 2210504285 | E452I4N10K11S03  |
| 3512 | 2210504286 | E452I4N10K11S04  |
| 3513 | 2210504287 | E452I4N10K11S05  |
| 3514 | 2210504288 | E452I4N10K11S0A  |
| 3515 | 2210504289 | E452I4N10K11S0B  |
| 3516 | 2210504290 | E452I4N10K11S0C  |
| 3517 | 2210504291 | E452I4N10K11S0D  |
| 3518 | 2210504292 | E452I4N10K11S0E  |
| 3519 | 2210504293 | E452I4N10K11S0G  |
| 3520 | 2210504294 | E452I4N10K11S0H  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3521 | 2210504295 | E452I4N10K11S0K  |
| 3522 | 2210504296 | E452I4N10K11S0L  |
| 3523 | 2210504297 | E452I4N10K11S0M  |
| 3524 | 2210504298 | E452I4N15011000  |
| 3525 | 2210504299 | E452I4N15011A11  |
| 3526 | 2210504300 | E452I4N15011A12  |
| 3527 | 2210504301 | E452I4N15011A13  |
| 3528 | 2210504302 | E452I4N15011A14  |
| 3529 | 2210504303 | E452I4N15011A15  |
| 3530 | 2210504304 | E452I4N15011A1A  |
| 3531 | 2210504305 | E452I4N15011A1B  |
| 3532 | 2210504306 | E452I4N15011A1C  |
| 3533 | 2210504307 | E452I4N15011A1D  |
| 3534 | 2210504308 | E452I4N15011A1E  |
| 3535 | 2210504309 | E452I4N15011A1G  |
| 3536 | 2210504310 | E452I4N15011A1K  |
| 3537 | 2210504311 | E452I4N15011A1L  |
| 3538 | 2210504312 | E452I4N15011A1M  |
| 3539 | 2210504313 | E452I4N15011C31  |
| 3540 | 2210504314 | E452I4N15011C32  |
| 3541 | 2210504315 | E452I4N15011C33  |
| 3542 | 2210504316 | E452I4N15011C34  |
| 3543 | 2210504317 | E452I4N15011C35  |
| 3544 | 2210504318 | E452I4N15011C3A  |
| 3545 | 2210504319 | E452I4N15011C3B  |
| 3546 | 2210504320 | E452I4N15011C3C  |
| 3547 | 2210504321 | E452I4N15011C3D  |
| 3548 | 2210504322 | E452I4N15011C3E  |
| 3549 | 2210504323 | E452I4N15011C3G  |
| 3550 | 2210504324 | E452I4N15011C3H  |
| 3551 | 2210504325 | E452I4N15011C3K  |
| 3552 | 2210504326 | E452I4N15011C3L  |
| 3553 | 2210504327 | E452I4N15011C3M  |
| 3554 | 2210504328 | E452I4N15011C41  |
| 3555 | 2210504329 | E452I4N15011C42  |
| 3556 | 2210504330 | E452I4N15011C43  |
| 3557 | 2210504331 | E452I4N15011C44  |
| 3558 | 2210504332 | E452I4N15011C45  |
| 3559 | 2210504333 | E452I4N15011C4A  |
| 3560 | 2210504334 | E452I4N15011C4B  |

|                                                                                                                                               |  |            |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|----------------------------------------------------------------------------------------------------|--|---------|--|------------------------------------------------------------------------------------------|--|-----------------|--|----------------|------------|--------------|------|----|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |            |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
| DIMENSION UNITS                                                                                                                               |  | SCALE      |  | CURRENT REV DESC: REVISION CREATED FOR<br>REMOVING PRE-RELEASE STAMP                               |  |         |  | <div>molex</div>                                                                         |  |                 |  |                |            |              |      |    |
| mm                                                                                                                                            |  | NTS        |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |            |  |                                                                                                    |  |         |  | E452XXXXXXXXXXXX<br>DIN FORM A EN 175301-803                                             |  |                 |  |                |            |              |      |    |
|                                                                                                                                               |  |            |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                | MM         |              | INCH |    |
|                                                                                                                                               |  |            |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                | 4 PLACES ± |              | ±    |    |
| 3 PLACES ±                                                                                                                                    |  | ±          |  | EC NO: 714567<br>DRWN: SUGEEB<br>2022/07/18<br>CHK'D: GGA<br>2022/07/19<br>APPR: GGA<br>2022/07/19 |  |         |  | PRODUCT CUSTOMER DRAWING                                                                 |  |                 |  |                |            |              |      |    |
| 2 PLACES ±                                                                                                                                    |  | ±          |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
| 1 PLACE ±                                                                                                                                     |  | ±          |  |                                                                                                    |  |         |  | DOCUMENT NUMBER<br>SD-121050-001<br>DOC TYPE<br>PSD<br>DOC PART<br>001<br>REVISION<br>E1 |  |                 |  |                |            |              |      |    |
| 0 PLACES ±                                                                                                                                    |  | ±          |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
| INITIAL REVISION:                                                                                                                             |  |            |  | SD-121050-001                                                                                      |  |         |  |                                                                                          |  |                 |  | PSD            |            | 001          |      | E1 |
| DRWN: JMARSZALEK                                                                                                                              |  | 2012/08/27 |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
| APPR: MDYSZEWSKA                                                                                                                              |  | 2012/08/20 |  |                                                                                                    |  |         |  |                                                                                          |  |                 |  |                |            |              |      |    |
| ANGULAR TOL ± °                                                                                                                               |  |            |  | FIRST ANGLE PROJECTION                                                                             |  | DRAWING |  | SERIES                                                                                   |  | MATERIAL NUMBER |  | CUSTOMER       |            | SHEET NUMBER |      |    |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |            |  |               |  | A3-SIZE |  | 121050                                                                                   |  | SEE TABLE       |  | GENERAL MARKET |            | 25 OF 41     |      |    |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/07/19 | 09:04:35 |
|-----------------|----|--------------|------------|----------|

TABLE 3 - PART LIST

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3561 | 2210504335 | E452I4N15011C4C  |
| 3562 | 2210504336 | E452I4N15011C4D  |
| 3563 | 2210504337 | E452I4N15011C4E  |
| 3564 | 2210504338 | E452I4N15011C4G  |
| 3565 | 2210504339 | E452I4N15011C4K  |
| 3566 | 2210504340 | E452I4N15011C4L  |
| 3567 | 2210504341 | E452I4N15011C4M  |
| 3568 | 2210504346 | E452I4N15011E05  |
| 3569 | N/A        | N/A              |
| 3570 | N/A        | N/A              |
| 3571 | N/A        | N/A              |
| 3572 | N/A        | N/A              |
| 3573 | 2210504361 | E452I4N15011R05  |
| 3574 | N/A        | N/A              |
| 3575 | N/A        | N/A              |
| 3576 | N/A        | N/A              |
| 3577 | N/A        | N/A              |
| 3578 | N/A        | N/A              |
| 3579 | N/A        | N/A              |
| 3580 | N/A        | N/A              |
| 3581 | N/A        | N/A              |
| 3582 | N/A        | N/A              |
| 3583 | N/A        | N/A              |
| 3584 | 2210504372 | E452I4N15011R21  |
| 3585 | 2210504373 | E452I4N15011R23  |
| 3586 | 2210504374 | E452I4N15011R24  |
| 3587 | 2210504375 | E452I4N15011R25  |
| 3588 | 2210504376 | E452I4N15011R2A  |
| 3589 | 2210504377 | E452I4N15011R2B  |
| 3590 | 2210504378 | E452I4N15011R2C  |
| 3591 | 2210504379 | E452I4N15011R2D  |
| 3592 | 2210504380 | E452I4N15011R2E  |
| 3593 | 2210504381 | E452I4N15011R2G  |
| 3594 | 2210504382 | E452I4N15011R2H  |
| 3595 | 2210504383 | E452I4N15011R2K  |
| 3596 | 2210504384 | E452I4N15011R2L  |
| 3597 | 2210504385 | E452I4N15011R2M  |
| 3598 | 2210504386 | E452I4N15011S01  |
| 3599 | 2210504387 | E452I4N15011S02  |
| 3600 | 2210504388 | E452I4N15011S03  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 3601 | 2210504389 | E452I4N15011S04  |
| 3602 | 2210504390 | E452I4N15011S05  |
| 3603 | 2210504391 | E452I4N15011S0A  |
| 3604 | 2210504392 | E452I4N15011S0B  |
| 3605 | 2210504393 | E452I4N15011S0C  |
| 3606 | 2210504394 | E452I4N15011S0D  |
| 3607 | 2210504395 | E452I4N15011S0E  |
| 3608 | 2210504396 | E452I4N15011S0G  |
| 3609 | 2210504397 | E452I4N15011S0H  |
| 3610 | 2210504398 | E452I4N15011S0K  |
| 3611 | 2210504399 | E452I4N15011S0L  |
| 3612 | 2210504400 | E452I4N15011S0M  |
| 3613 | 2210504401 | E452I4N20011000  |
| 3614 | 2210504402 | E452I4N20011A11  |
| 3615 | 2210504403 | E452I4N20011A12  |
| 3616 | 2210504404 | E452I4N20011A13  |
| 3617 | 2210504405 | E452I4N20011A14  |
| 3618 | 2210504406 | E452I4N20011A15  |
| 3619 | 2210504407 | E452I4N20011A1A  |
| 3620 | 2210504408 | E452I4N20011A1B  |
| 3621 | 2210504409 | E452I4N20011A1C  |
| 3622 | 2210504410 | E452I4N20011A1D  |
| 3623 | 2210504411 | E452I4N20011A1E  |
| 3624 | 2210504412 | E452I4N20011A1G  |
| 3625 | 2210504413 | E452I4N20011A1H  |
| 3626 | 2210504414 | E452I4N20011A1K  |
| 3627 | 2210504415 | E452I4N20011A1L  |
| 3628 | 2210504416 | E452I4N20011A1M  |
| 3629 | 2210504417 | E452I4N20011C31  |
| 3630 | 2210504418 | E452I4N20011C32  |
| 3631 | 2210504419 | E452I4N20011C33  |
| 3632 | 2210504420 | E452I4N20011C34  |
| 3633 | 2210504421 | E452I4N20011C35  |
| 3634 | 2210504422 | E452I4N20011C3A  |
| 3635 | 2210504423 | E452I4N20011C3C  |
| 3636 | 2210504424 | E452I4N20011C3D  |
| 3637 | 2210504425 | E452I4N20011C3E  |
| 3638 | 2210504426 | E452I4N20011C3G  |
| 3639 | 2210504427 | E452I4N20011C3K  |
| 3640 | 2210504428 | E452I4N20011C3L  |

| Pos. | Molex PN:  | Engineering No.: |
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| 3641 | 2210504429 | E452I4N20011C3M  |
| 3642 | 2210504430 | E452I4N20011C41  |
| 3643 | 2210504431 | E452I4N20011C42  |
| 3644 | 2210504432 | E452I4N20011C43  |
| 3645 | 2210504433 | E452I4N20011C44  |
| 3646 | 2210504434 | E452I4N20011C45  |
| 3647 | 2210504435 | E452I4N20011C4A  |
| 3648 | 2210504436 | E452I4N20011C4B  |
| 3649 | 2210504437 | E452I4N20011C4C  |
| 3650 | 2210504438 | E452I4N20011C4D  |
| 3651 | 2210504439 | E452I4N20011C4E  |
| 3652 | 2210504440 | E452I4N20011C4G  |
| 3653 | 2210504441 | E452I4N20011C4K  |
| 3654 | 2210504442 | E452I4N20011C4L  |
| 3655 | 2210504443 | E452I4N20011C4M  |
| 3656 | 2210504448 | E452I4N20011E05  |
| 3657 | N/A        | N/A              |
| 3658 | N/A        | N/A              |
| 3659 | N/A        | N/A              |
| 3660 | N/A        | N/A              |
| 3661 | 2210504463 | E452I4N20011R05  |
| 3662 | N/A        | N/A              |
| 3663 | N/A        | N/A              |
| 3664 | N/A        | N/A              |
| 3665 | N/A        | N/A              |
| 3666 | N/A        | N/A              |
| 3667 | N/A        | N/A              |
| 3668 | N/A        | N/A              |
| 3669 | N/A        | N/A              |
| 3670 | N/A        | N/A              |
| 3671 | N/A        | N/A              |
| 3672 | 2210504474 | E452I4N20011R21  |
| 3673 | 2210504475 | E452I4N20011R22  |
| 3674 | 2210504476 | E452I4N20011R23  |
| 3675 | 2210504477 | E452I4N20011R24  |
| 3676 | 2210504478 | E452I4N20011R25  |
| 3677 | 2210504479 | E452I4N20011R2A  |
| 3678 | 2210504480 | E452I4N20011R2B  |
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| 3680 | 2210504482 | E452I4N20011R2D  |

| Pos. | Molex PN:  | Engineering No.: |
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| 3681 | 2210504483 | E452I4N20011R2E  |
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| 3683 | 2210504485 | E452I4N20011R2H  |
| 3684 | 2210504486 | E452I4N20011R2K  |
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| 3686 | 2210504488 | E452I4N20011R2M  |
| 3687 | 2210504489 | E452I4N20011S01  |
| 3688 | 2210504490 | E452I4N20011S02  |
| 3689 | 2210504491 | E452I4N20011S03  |
| 3690 | 2210504492 | E452I4N20011S04  |
| 3691 | 2210504493 | E452I4N20011S05  |
| 3692 | 2210504494 | E452I4N20011S0A  |
| 3693 | 2210504495 | E452I4N20011S0B  |
| 3694 | 2210504496 | E452I4N20011S0C  |
| 3695 | 2210504497 | E452I4N20011S0D  |
| 3696 | 2210504498 | E452I4N20011S0E  |
| 3697 | 2210504499 | E452I4N20011S0G  |
| 3698 | 2210504500 | E452I4N20011S0H  |
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| 3700 | 2210504502 | E452I4N20011S0L  |
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| 3702 | 2210504504 | E452I4N30011000  |
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| 3704 | 2210504506 | E452I4N30011A12  |
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| 3706 | 2210504508 | E452I4N30011A14  |
| 3707 | 2210504509 | E452I4N30011A15  |
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| 3710 | 2210504512 | E452I4N30011A1C  |
| 3711 | 2210504513 | E452I4N30011A1D  |
| 3712 | 2210504514 | E452I4N30011A1E  |
| 3713 | 2210504515 | E452I4N30011A1K  |
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| 3715 | 2210504517 | E452I4N30011A1M  |
| 3716 | 2210504518 | E452I4N30011C32  |
| 3717 | 2210504519 | E452I4N30011C33  |
| 3718 | 2210504520 | E452I4N30011C34  |
| 3719 | 2210504521 | E452I4N30011C35  |
| 3720 | 2210504522 | E452I4N30011C3A  |

|                                                                                                                                               |   |       |      |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--------|-------------------------------------------------------------------------|--|----------------|----------|----------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |      |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
| DIMENSION UNITS                                                                                                                               |   | SCALE |      | CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP                                                                                                            |  |          |        | <div>molex</div> <div>E452XXXXXXXXXX<br/>DIN FORM A EN 175301-803</div> |  |                |          |          |
| mm                                                                                                                                            |   | NTS   |      |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |      |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
|                                                                                                                                               |   | MM    | INCH | EC NO: 714567<br>DRWN: SUGEEB 2022/07/18<br>CHK'D: GGA 2022/07/19<br>APPR: GGA 2022/07/19<br>INITIAL REVISION:<br>DRWN: JMARSZALEK 2012/08/27<br>APPR: MDYSZEWSKA 2012/08/20 |  |          |        | DOCUMENT NUMBER                                                         |  | DOC TYPE       | DOC PART | REVISION |
| 4 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                                                              |  |          |        | SD-121050-001                                                           |  | PSD            | 001      | E1       |
| 3 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
| 2 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
| 1 PLACE                                                                                                                                       | ± |       | ±    |                                                                                                                                                                              |  |          |        |                                                                         |  |                |          |          |
| 0 PLACES                                                                                                                                      | ± |       | ±    | MATERIAL NUMBER                                                                                                                                                              |  | CUSTOMER |        | SHEET NUMBER                                                            |  |                |          |          |
| ANGULAR TOL ± °                                                                                                                               |   |       |      | FIRST ANGLE PROJECTION                                                                                                                                                       |  | DRAWING  | SERIES | SEE TABLE                                                               |  | GENERAL MARKET |          | 26 OF 41 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |   |       |      |                                                                                                                                                                              |  | A3-SIZE  | 121050 |                                                                         |  |                |          |          |

|                                                                       |   |   |   |   |   |   |   |   |   |
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| FORMAT: Mat-lega-master-ss-prod-A3<br>REVISION: 2<br>DATE: 2020/01/14 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|-----------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|



|                     |            |                  |      |            |                  |      |            |                  |      |            |                  |
|---------------------|------------|------------------|------|------------|------------------|------|------------|------------------|------|------------|------------------|
| 10                  | 9          | 8                | 7    | 6          | 5                | 4    | 3          | 2                | 1    |            |                  |
| TABLE 3 - PART LIST |            |                  |      |            |                  |      |            |                  |      |            |                  |
| Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: |
| 4041                | 2210504983 | E452N2N15011R2H  | 4081 | 2210505023 | E452N2N20011C3C  | 3641 | 2210504429 | E452I4N20011C3M  | 4121 | 2210505091 | E452N2N20011S04  |
| 4042                | 2210504984 | E452N2N15011R2K  | 4082 | 2210505024 | E452N2N20011C3D  | 3642 | 2210504430 | E452I4N20011C41  | 4122 | 2210505092 | E452N2N20011S05  |
| 4043                | 2210504985 | E452N2N15011R2L  | 4083 | 2210505025 | E452N2N20011C3E  | 3643 | 2210504431 | E452I4N20011C42  | 4123 | 2210505093 | E452N2N20011S0A  |
| 4044                | 2210504986 | E452N2N15011R2M  | 4084 | 2210505026 | E452N2N20011C3G  | 3644 | 2210504432 | E452I4N20011C43  | 4124 | 2210505094 | E452N2N20011S0B  |
| 4045                | 2210504987 | E452N2N15011S01  | 4085 | 2210505027 | E452N2N20011C3H  | 3645 | 2210504433 | E452I4N20011C44  | 4125 | 2210505095 | E452N2N20011S0C  |
| 4046                | 2210504988 | E452N2N15011S02  | 4086 | 2210505028 | E452N2N20011C3K  | 3646 | 2210504434 | E452I4N20011C45  | 4126 | 2210505096 | E452N2N20011S0D  |
| 4047                | 2210504989 | E452N2N15011S03  | 4087 | 2210505029 | E452N2N20011C3L  | 3647 | 2210504435 | E452I4N20011C4A  | 4127 | 2210505097 | E452N2N20011S0E  |
| 4048                | 2210504990 | E452N2N15011S04  | 4088 | 2210505030 | E452N2N20011C3M  | 3648 | 2210504436 | E452I4N20011C4B  | 4128 | 2210505098 | E452N2N20011S0G  |
| 4049                | 2210504991 | E452N2N15011S05  | 4089 | 2210505031 | E452N2N20011C41  | 3649 | 2210504437 | E452I4N20011C4C  | 4129 | 2210505099 | E452N2N20011S0H  |
| 4050                | 2210504992 | E452N2N15011S0A  | 4090 | 2210505032 | E452N2N20011C43  | 3650 | 2210504438 | E452I4N20011C4D  | 4130 | 2210505100 | E452N2N20011S0K  |
| 4051                | 2210504993 | E452N2N15011S0B  | 4091 | 2210505033 | E452N2N20011C44  | 3651 | 2210504439 | E452I4N20011C4E  | 4131 | 2210505101 | E452N2N20011S0L  |
| 4052                | 2210504994 | E452N2N15011S0C  | 4092 | 2210505034 | E452N2N20011C45  | 3652 | 2210504440 | E452I4N20011C4G  | 4132 | 2210505102 | E452N2N20011S0M  |
| 4053                | 2210504995 | E452N2N15011S0D  | 4093 | 2210505035 | E452N2N20011C4A  | 3653 | 2210504441 | E452I4N20011C4K  | 4133 | 2210505103 | E452N2N30011000  |
| 4054                | 2210504996 | E452N2N15011S0E  | 4094 | 2210505036 | E452N2N20011C4B  | 3654 | 2210504442 | E452I4N20011C4L  | 4134 | 2210505104 | E452N2N30011A13  |
| 4055                | 2210504997 | E452N2N15011S0G  | 4095 | 2210505037 | E452N2N20011C4C  | 3655 | 2210504443 | E452I4N20011C4M  | 4135 | 2210505105 | E452N2N30011A15  |
| 4056                | 2210504998 | E452N2N15011S0H  | 4096 | 2210505038 | E452N2N20011C4D  | 3656 | 2210504448 | E452I4N20011E05  | 4136 | 2210505106 | E452N2N30011A1A  |
| 4057                | 2210504999 | E452N2N15011S0K  | 4097 | 2210505039 | E452N2N20011C4E  | 3657 | 2210504459 | E452I4N20011R01  | 4137 | 2210505107 | E452N2N30011A1B  |
| 4058                | 2210505000 | E452N2N15011S0L  | 4098 | 2210505040 | E452N2N20011C4G  | 3658 | 2210504460 | E452I4N20011R02  | 4138 | 2210505108 | E452N2N30011A1C  |
| 4059                | 2210505001 | E452N2N15011S0M  | 4099 | 2210505041 | E452N2N20011C4K  | 3659 | 2210504461 | E452I4N20011R03  | 4139 | 2210505109 | E452N2N30011A1E  |
| 4060                | 2210505002 | E452N2N20011000  | 4100 | 2210505042 | E452N2N20011C4L  | 3660 | 2210504462 | E452I4N20011R04  | 4140 | 2210505110 | E452N2N30011A1G  |
| 4061                | 2210505003 | E452N2N20011A12  | 4101 | 2210505043 | E452N2N20011C4M  | 3661 | 2210504463 | E452I4N20011R05  | 4141 | 2210505111 | E452N2N30011A1K  |
| 4062                | 2210505004 | E452N2N20011A13  | 4102 | 2210505062 | E452N2N20011R05  | 3662 | 2210504464 | E452I4N20011R0A  | 4142 | 2210505112 | E452N2N30011A1L  |
| 4063                | 2210505005 | E452N2N20011A14  | 4103 | 2210505073 | E452N2N20011R21  | 3663 | 2210504465 | E452I4N20011R0B  | 4143 | 2210505113 | E452N2N30011C32  |
| 4064                | 2210505006 | E452N2N20011A15  | 4104 | 2210505074 | E452N2N20011R22  | 3664 | 2210504466 | E452I4N20011R0C  | 4144 | 2210505114 | E452N2N30011C33  |
| 4065                | 2210505007 | E452N2N20011A1A  | 4105 | 2210505075 | E452N2N20011R23  | 3665 | 2210504467 | E452I4N20011R0D  | 4145 | 2210505115 | E452N2N30011C34  |
| 4066                | 2210505008 | E452N2N20011A1B  | 4106 | 2210505076 | E452N2N20011R24  | 3666 | 2210504468 | E452I4N20011R0E  | 4146 | 2210505116 | E452N2N30011C35  |
| 4067                | 2210505009 | E452N2N20011A1C  | 4107 | 2210505077 | E452N2N20011R25  | 3667 | 2210504469 | E452I4N20011R0G  | 4147 | 2210505117 | E452N2N30011C3A  |
| 4068                | 2210505010 | E452N2N20011A1D  | 4108 | 2210505078 | E452N2N20011R2A  | 3668 | 2210504470 | E452I4N20011R0H  | 4148 | 2210505118 | E452N2N30011C3B  |
| 4069                | 2210505011 | E452N2N20011A1E  | 4109 | 2210505079 | E452N2N20011R2B  | 3669 | 2210504471 | E452I4N20011R0K  | 4149 | 2210505119 | E452N2N30011C3C  |
| 4070                | 2210505012 | E452N2N20011A1G  | 4110 | 2210505080 | E452N2N20011R2C  | 3670 | 2210504472 | E452I4N20011R0L  | 4150 | 2210505120 | E452N2N30011C3D  |
| 4071                | 2210505013 | E452N2N20011A1K  | 4111 | 2210505081 | E452N2N20011R2D  | 3671 | 2210504473 | E452I4N20011R0M  | 4151 | 2210505121 | E452N2N30011C3E  |
| 4072                | 2210505014 | E452N2N20011A1L  | 4112 | 2210505082 | E452N2N20011R2E  | 3672 | 2210504474 | E452I4N20011R21  | 4152 | 2210505122 | E452N2N30011C3G  |
| 4073                | 2210505015 | E452N2N20011A1M  | 4113 | 2210505083 | E452N2N20011R2G  | 3673 | 2210504475 | E452I4N20011R22  | 4153 | 2210505123 | E452N2N30011C3K  |
| 4074                | 2210505016 | E452N2N20011C31  | 4114 | 2210505084 | E452N2N20011R2H  | 3674 | 2210504476 | E452I4N20011R23  | 4154 | 2210505124 | E452N2N30011C3L  |
| 4075                | 2210505017 | E452N2N20011C32  | 4115 | 2210505085 | E452N2N20011R2K  | 3675 | 2210504477 | E452I4N20011R24  | 4155 | 2210505125 | E452N2N30011C3M  |
| 4076                | 2210505018 | E452N2N20011C33  | 4116 | 2210505086 | E452N2N20011R2L  | 3676 | 2210504478 | E452I4N20011R25  | 4156 | 2210505126 | E452N2N30011C41  |
| 4077                | 2210505019 | E452N2N20011C34  | 4117 | 2210505087 | E452N2N20011R2M  | 3677 | 2210504479 | E452I4N20011R2A  | 4157 | 2210505127 | E452N2N30011C43  |
| 4078                | 2210505020 | E452N2N20011C35  | 4118 | 2210505088 | E452N2N20011S01  | 3678 | 2210504480 | E452I4N20011R2B  | 4158 | 2210505128 | E452N2N30011C4A  |
| 4079                | 2210505021 | E452N2N20011C3A  | 4119 | 2210505089 | E452N2N20011S02  | 3679 | 2210504481 | E452I4N20011R2C  | 4159 | 2210505129 | E452N2N30011C4B  |
| 4080                | 2210505022 | E452N2N20011C3B  | 4120 | 2210505090 | E452N2N20011S03  | 3680 | 2210504482 | E452I4N20011R2D  | 4160 | 2210505130 | E452N2N30011C4C  |

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

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3 PLACES

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2 PLACES

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1 PLACE

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0 PLACES

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ANGULAR TOL

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DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2022/07/18

2022/07/19

2022/07/19

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

29 OF 41

DOCUMENT STATUS

P1

RELEASE DATE

2022/07/19

09:04:35

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FORMAT: Met-lega-master-ib-prod-A3

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DATE: 2020/01/14

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| FORMAT: Mat-lega-master-ss-prod-A3<br>REVISION: 2<br>DATE: 2020/01/14 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
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| 4608 | 2210505764 | E452N3N30011R2E  |
| 4609 | 2210505765 | E452N3N30011R2G  |
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| 4612 | 2210505768 | E452N3N30011R2M  |
| 4613 | 2210505769 | E452N3N30011S01  |
| 4614 | 2210505770 | E452N3N30011S02  |
| 4615 | 2210505771 | E452N3N30011S03  |
| 4616 | 2210505772 | E452N3N30011S04  |
| 4617 | 2210505773 | E452N3N30011S05  |
| 4618 | 2210505774 | E452N3N30011S0A  |
| 4619 | 2210505775 | E452N3N30011S0B  |
| 4620 | 2210505776 | E452N3N30011S0C  |
| 4621 | 2210505777 | E452N3N30011S0E  |
| 4622 | 2210505778 | E452N3N30011S0G  |
| 4623 | 2210505779 | E452N3N30011S0H  |
| 4624 | 2210505780 | E452N3N30011S0K  |
| 4625 | 2210505781 | E452N3N30011S0L  |
| 4626 | 2210505782 | E452N3N30011S0M  |
| 4627 | 2210505783 | E452N3N50011000  |
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| 4629 | 2210505785 | E452N3N50011A12  |
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| 4631 | 2210505787 | E452N3N50011A14  |
| 4632 | 2210505788 | E452N3N50011A15  |
| 4633 | 2210505789 | E452N3N50011A1A  |
| 4634 | 2210505790 | E452N3N50011A1C  |
| 4635 | 2210505791 | E452N3N50011A1D  |
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| 4638 | 2210505794 | E452N3N50011A1H  |
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| FORMAT: Met-lega-master-lb-prod-A3<br>REVISION: E<br>DATE: 2020/01/14 | <div>9</div> | <div>8</div> |
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|---|---|---|---|
| 4 | 3 | 2 | 1 |
|---|---|---|---|

| Pos. | Molex PN:  | Engineering No.: |
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| 4761 | 2210505973 | E452N4N10011S0B  |
| 4762 | 2210505974 | E452N4N10011S0C  |
| 4763 | 2210505975 | E452N4N10011S0D  |
| 4764 | 2210505976 | E452N4N10011S0E  |
| 4765 | 2210505977 | E452N4N10011S0G  |
| 4766 | 2210505978 | E452N4N10011S0H  |
| 4767 | 2210505979 | E452N4N10011S0K  |
| 4768 | 2210505980 | E452N4N10011S0L  |
| 4769 | 2210505981 | E452N4N10011S0M  |
| 4770 | 2210505982 | E452N4N10K11000  |
| 4771 | 2210505983 | E452N4N10K11A11  |
| 4772 | 2210505984 | E452N4N10K11A12  |
| 4773 | 2210505985 | E452N4N10K11A13  |
| 4774 | 2210505986 | E452N4N10K11A14  |
| 4775 | 2210505987 | E452N4N10K11A15  |
| 4776 | 2210505988 | E452N4N10K11A1A  |
| 4777 | 2210505989 | E452N4N10K11A1B  |
| 4778 | 2210505990 | E452N4N10K11A1C  |
| 4779 | 2210505991 | E452N4N10K11A1D  |
| 4780 | 2210505992 | E452N4N10K11A1E  |
| 4781 | 2210505993 | E452N4N10K11A1G  |
| 4782 | 2210505994 | E452N4N10K11A1H  |
| 4783 | 2210505995 | E452N4N10K11A1K  |
| 4784 | 2210505996 | E452N4N10K11A1L  |
| 4785 | 2210505997 | E452N4N10K11A1M  |
| 4786 | 2210505998 | E452N4N10K11C31  |
| 4787 | 2210505999 | E452N4N10K11C32  |
| 4788 | 2210506000 | E452N4N10K11C33  |
| 4789 | 2210506001 | E452N4N10K11C34  |
| 4790 | 2210506002 | E452N4N10K11C35  |
| 4791 | 2210506003 | E452N4N10K11C3A  |
| 4792 | 2210506004 | E452N4N10K11C3B  |
| 4793 | 2210506005 | E452N4N10K11C3C  |
| 4794 | 2210506006 | E452N4N10K11C3D  |
| 4795 | 2210506007 | E452N4N10K11C3E  |
| 4796 | 2210506008 | E452N4N10K11C3G  |
| 4797 | 2210506009 | E452N4N10K11C3H  |
| 4798 | 2210506010 | E452N4N10K11C3K  |
| 4799 | 2210506011 | E452N4N10K11C3L  |
| 4800 | 2210506012 | E452N4N10K11C3M  |

|                                                                       |   |   |
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| FORMAT: Met-lega-master-lb-prod-A3<br>REVISION: E<br>DATE: 2020/01/14 | 9 | 8 |
|-----------------------------------------------------------------------|---|---|

|   |   |   |   |
|---|---|---|---|
| 4 | 3 | 2 | 1 |
|---|---|---|---|



| Pos. | Molex PN:  | Engineering No.: |
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| 5081 | 2210506405 | E452N4N30011S0M  |
| 5082 | 2210506406 | E452N4N50011000  |
| 5083 | 2210506407 | E452N4N50011A11  |
| 5084 | 2210506408 | E452N4N50011A12  |
| 5085 | 2210506409 | E452N4N50011A13  |
| 5086 | 2210506410 | E452N4N50011A14  |
| 5087 | 2210506411 | E452N4N50011A15  |
| 5088 | 2210506412 | E452N4N50011A1A  |
| 5089 | 2210506413 | E452N4N50011A1B  |
| 5090 | 2210506414 | E452N4N50011A1C  |
| 5091 | 2210506415 | E452N4N50011A1D  |
| 5092 | 2210506416 | E452N4N50011A1E  |
| 5093 | 2210506417 | E452N4N50011A1G  |
| 5094 | 2210506418 | E452N4N50011A1H  |
| 5095 | 2210506419 | E452N4N50011A1K  |
| 5096 | 2210506420 | E452N4N50011A1L  |
| 5097 | 2210506421 | E452N4N50011A1M  |
| 5098 | 2210506422 | E452N4N50011C31  |
| 5099 | 2210506423 | E452N4N50011C32  |
| 5100 | 2210506424 | E452N4N50011C33  |
| 5101 | 2210506425 | E452N4N50011C34  |
| 5102 | 2210506426 | E452N4N50011C35  |
| 5103 | 2210506427 | E452N4N50011C3A  |
| 5104 | 2210506428 | E452N4N50011C3B  |
| 5105 | 2210506429 | E452N4N50011C3C  |
| 5106 | 2210506430 | E452N4N50011C3D  |
| 5107 | 2210506431 | E452N4N50011C3E  |
| 5108 | 2210506432 | E452N4N50011C3G  |
| 5109 | 2210506433 | E452N4N50011C3H  |
| 5110 | 2210506434 | E452N4N50011C3K  |
| 5111 | 2210506435 | E452N4N50011C3L  |
| 5112 | 2210506436 | E452N4N50011C3M  |
| 5113 | 2210506437 | E452N4N50011C41  |
| 5114 | 2210506438 | E452N4N50011C42  |
| 5115 | 2210506439 | E452N4N50011C43  |
| 5116 | 2210506440 | E452N4N50011C44  |
| 5117 | 2210506441 | E452N4N50011C45  |
| 5118 | 2210506442 | E452N4N50011C4A  |
| 5119 | 2210506443 | E452N4N50011C4B  |
| 5120 | 2210506444 | E452N4N50011C4C  |

FORMAT: Met-legal  
REVISION: E  
DATE: 2020/01/14

|                                                                       |   |   |   |   |   |   |   |   |   |
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| FORMAT: Mat-lega-master-ss-prod-A3<br>REVISION: 2<br>DATE: 2020/01/14 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
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| FORMAT: Mat-lega-master-ss-prod-A3<br>REVISION: 2<br>DATE: 2020/01/14 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|-----------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|



TABLE 3 - PART LIST

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 5601 | 2210507121 | E452P2N50011S0B  |
| 5602 | 2210507122 | E452P2N50011S0C  |
| 5603 | 2210507123 | E452P2N50011S0D  |
| 5604 | 2210507124 | E452P2N50011S0E  |
| 5605 | 2210507125 | E452P2N50011S0G  |
| 5606 | 2210507126 | E452P2N50011S0K  |
| 5607 | 2210507127 | E452P2N50011S0L  |
| 5608 | 2210507128 | E452P2N50011S0M  |
| 5609 | 2210507129 | E452P3N10011000  |
| 5610 | 2210507130 | E452P3N10011A11  |
| 5611 | 2210507131 | E452P3N10011A12  |
| 5612 | 2210507132 | E452P3N10011A13  |
| 5613 | 2210507133 | E452P3N10011A14  |
| 5614 | 2210507134 | E452P3N10011A15  |
| 5615 | 2210507135 | E452P3N10011A1A  |
| 5616 | 2210507136 | E452P3N10011A1B  |
| 5617 | 2210507137 | E452P3N10011A1C  |
| 5618 | 2210507138 | E452P3N10011A1D  |
| 5619 | 2210507139 | E452P3N10011A1E  |
| 5620 | 2210507140 | E452P3N10011A1G  |
| 5621 | 2210507141 | E452P3N10011A1H  |
| 5622 | 2210507142 | E452P3N10011A1K  |
| 5623 | 2210507143 | E452P3N10011A1L  |
| 5624 | 2210507144 | E452P3N10011A1M  |
| 5625 | 2210507145 | E452P3N10011C31  |
| 5626 | 2210507146 | E452P3N10011C32  |
| 5627 | 2210507147 | E452P3N10011C33  |
| 5628 | 2210507148 | E452P3N10011C34  |
| 5629 | 2210507149 | E452P3N10011C35  |
| 5630 | 2210507150 | E452P3N10011C3A  |
| 5631 | 2210507151 | E452P3N10011C3B  |
| 5632 | 2210507152 | E452P3N10011C3C  |
| 5633 | 2210507153 | E452P3N10011C3D  |
| 5634 | 2210507154 | E452P3N10011C3E  |
| 5635 | 2210507155 | E452P3N10011C3G  |
| 5636 | 2210507156 | E452P3N10011C3H  |
| 5637 | 2210507157 | E452P3N10011C3K  |
| 5638 | 2210507158 | E452P3N10011C3L  |
| 5639 | 2210507159 | E452P3N10011C3M  |
| 5640 | 2210507160 | E452P3N10011C41  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 5641 | 2210507161 | E452P3N10011C42  |
| 5642 | 2210507162 | E452P3N10011C43  |
| 5643 | 2210507163 | E452P3N10011C44  |
| 5644 | 2210507164 | E452P3N10011C45  |
| 5645 | 2210507165 | E452P3N10011C4A  |
| 5646 | 2210507166 | E452P3N10011C4B  |
| 5647 | 2210507167 | E452P3N10011C4C  |
| 5648 | 2210507168 | E452P3N10011C4D  |
| 5649 | 2210507169 | E452P3N10011C4E  |
| 5650 | 2210507170 | E452P3N10011C4G  |
| 5651 | 2210507171 | E452P3N10011C4K  |
| 5652 | 2210507172 | E452P3N10011C4M  |
| 5653 | 2210507177 | E452P3N10011E05  |
| 5654 | 2210507192 | E452P3N10011R05  |
| 5655 | 2210507203 | E452P3N10011R21  |
| 5656 | 2210507204 | E452P3N10011R22  |
| 5657 | 2210507205 | E452P3N10011R23  |
| 5658 | 2210507206 | E452P3N10011R24  |
| 5659 | 2210507207 | E452P3N10011R25  |
| 5660 | 2210507208 | E452P3N10011R2A  |
| 5661 | 2210507209 | E452P3N10011R2C  |
| 5662 | 2210507210 | E452P3N10011R2D  |
| 5663 | 2210507211 | E452P3N10011R2G  |
| 5664 | 2210507212 | E452P3N10011R2H  |
| 5665 | 2210507213 | E452P3N10011R2K  |
| 5666 | 2210507214 | E452P3N10011R2L  |
| 5667 | 2210507215 | E452P3N10011R2M  |
| 5668 | 2210507216 | E452P3N10011S01  |
| 5669 | 2210507217 | E452P3N10011S02  |
| 5670 | 2210507218 | E452P3N10011S03  |
| 5671 | 2210507219 | E452P3N10011S04  |
| 5672 | 2210507220 | E452P3N10011S05  |
| 5673 | 2210507221 | E452P3N10011S0A  |
| 5674 | 2210507222 | E452P3N10011S0B  |
| 5675 | 2210507223 | E452P3N10011S0C  |
| 5676 | 2210507224 | E452P3N10011S0D  |
| 5677 | 2210507225 | E452P3N10011S0E  |
| 5678 | 2210507226 | E452P3N10011S0G  |
| 5679 | 2210507227 | E452P3N10011S0H  |
| 5680 | 2210507228 | E452P3N10011S0K  |

| Pos. | Molex PN:  | Engineering No.: |
|------|------------|------------------|
| 5681 | 2210507229 | E452P3N10011S0L  |
| 5682 | 2210507230 | E452P3N10011S0M  |
| 5683 | 2210507231 | E452P3N10K11000  |
| 5684 | 2210507232 | E452P3N10K11A11  |
| 5685 | 2210507233 | E452P3N10K11A12  |
| 5686 | 2210507234 | E452P3N10K11A13  |
| 5687 | 2210507235 | E452P3N10K11A14  |
| 5688 | 2210507236 | E452P3N10K11A15  |
| 5689 | 2210507237 | E452P3N10K11A1A  |
| 5690 | 2210507238 | E452P3N10K11A1B  |
| 5691 | 2210507239 | E452P3N10K11A1C  |
| 5692 | 2210507240 | E452P3N10K11A1D  |
| 5693 | 2210507241 | E452P3N10K11A1E  |
| 5694 | 2210507242 | E452P3N10K11A1G  |
| 5695 | 2210507243 | E452P3N10K11A1H  |
| 5696 | 2210507244 | E452P3N10K11A1K  |
| 5697 | 2210507245 | E452P3N10K11A1L  |
| 5698 | 2210507246 | E452P3N10K11A1M  |
| 5699 | 2210507247 | E452P3N10K11C31  |
| 5700 | 2210507248 | E452P3N10K11C32  |
| 5701 | 2210507249 | E452P3N10K11C33  |
| 5702 | 2210507250 | E452P3N10K11C34  |
| 5703 | 2210507251 | E452P3N10K11C35  |
| 5704 | 2210507252 | E452P3N10K11C3A  |
| 5705 | 2210507253 | E452P3N10K11C3B  |
| 5706 | 2210507254 | E452P3N10K11C3C  |
| 5707 | 2210507255 | E452P3N10K11C3D  |
| 5708 | 2210507256 | E452P3N10K11C3E  |
| 5709 | 2210507257 | E452P3N10K11C3G  |
| 5710 | 2210507258 | E452P3N10K11C3H  |
| 5711 | 2210507259 | E452P3N10K11C3K  |
| 5712 | 2210507260 | E452P3N10K11C3L  |
| 5713 | 2210507261 | E452P3N10K11C3M  |
| 5714 | 2210507262 | E452P3N10K11C41  |
| 5715 | 2210507263 | E452P3N10K11C42  |
| 5716 | 2210507264 | E452P3N10K11C43  |
| 5717 | 2210507265 | E452P3N10K11C44  |
| 5718 | 2210507266 | E452P3N10K11C45  |
| 5719 | 2210507267 | E452P3N10K11C4A  |
| 5720 | 2210507268 | E452P3N10K11C4B  |

| Pos. | Molex PN:  | Engineering No.: |
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| 5721 | 2210507269 | E452P3N10K11C4C  |
| 5722 | 2210507270 | E452P3N10K11C4D  |
| 5723 | 2210507271 | E452P3N10K11C4E  |
| 5724 | 2210507272 | E452P3N10K11C4G  |
| 5725 | 2210507273 | E452P3N10K11C4K  |
| 5726 | 2210507274 | E452P3N10K11C4L  |
| 5727 | 2210507275 | E452P3N10K11C4M  |
| 5728 | 2210507280 | E452P3N10K11E05  |
| 5729 | 2210507295 | E452P3N10K11R05  |
| 5730 | 2210507306 | E452P3N10K11R21  |
| 5731 | 2210507307 | E452P3N10K11R22  |
| 5732 | 2210507308 | E452P3N10K11R23  |
| 5733 | 2210507309 | E452P3N10K11R24  |
| 5734 | 2210507310 | E452P3N10K11R25  |
| 5735 | 2210507311 | E452P3N10K11R2A  |
| 5736 | 2210507312 | E452P3N10K11R2B  |
| 5737 | 2210507313 | E452P3N10K11R2C  |
| 5738 | 2210507314 | E452P3N10K11R2D  |
| 5739 | 2210507315 | E452P3N10K11R2E  |
| 5740 | 2210507316 | E452P3N10K11R2G  |
| 5741 | 2210507317 | E452P3N10K11R2H  |
| 5742 | 2210507318 | E452P3N10K11R2K  |
| 5743 | 2210507319 | E452P3N10K11R2L  |
| 5744 | 2210507320 | E452P3N10K11R2M  |
| 5745 | 2210507321 | E452P3N10K11S01  |
| 5746 | 2210507322 | E452P3N10K11S02  |
| 5747 | 2210507323 | E452P3N10K11S03  |
| 5748 | 2210507324 | E452P3N10K11S04  |
| 5749 | 2210507325 | E452P3N10K11S05  |
| 5750 | 2210507326 | E452P3N10K11S0A  |
| 5751 | 2210507327 | E452P3N10K11S0B  |
| 5752 | 2210507328 | E452P3N10K11S0C  |
| 5753 | 2210507329 | E452P3N10K11S0D  |
| 5754 | 2210507330 | E452P3N10K11S0E  |
| 5755 | 2210507331 | E452P3N10K11S0G  |
| 5756 | 2210507332 | E452P3N10K11S0K  |
| 5757 | 2210507333 | E452P3N10K11S0L  |
| 5758 | 2210507334 | E452P3N10K11S0M  |
| 5759 | 2210507335 | E452P3N15011000  |
| 5760 | 2210507336 | E452P3N15011A11  |

|                                                                                                                                               |   |       |      |                                                                                           |  |                 |                                                                         |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|-------------------------------------------------------------------------------------------|--|-----------------|-------------------------------------------------------------------------|----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |      |                                                                                           |  |                 |                                                                         |                |  |
| DIMENSION UNITS                                                                                                                               |   | SCALE |      | CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP                         |  |                 | <div>molex</div> <div>E452XXXXXXXXXX<br/>DIN FORM A EN 175301-803</div> |                |  |
| mm                                                                                                                                            |   | NTS   |      |                                                                                           |  |                 |                                                                         |                |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |      |                                                                                           |  |                 |                                                                         |                |  |
|                                                                                                                                               |   | MM    | INCH | EC NO: 714567<br>DRWN: SUGEEB 2022/07/18<br>CHK'D: GGA 2022/07/19<br>APPR: GGA 2022/07/19 |  |                 | PRODUCT CUSTOMER DRAWING                                                |                |  |
| 4 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                 |                                                                         |                |  |
| 3 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                 |                                                                         |                |  |
| 2 PLACES                                                                                                                                      | ± |       | ±    |                                                                                           |  |                 |                                                                         |                |  |
| 1 PLACE                                                                                                                                       | ± |       | ±    |                                                                                           |  |                 |                                                                         |                |  |
| 0 PLACES                                                                                                                                      | ± |       | ±    | INITIAL REVISION:                                                                         |  |                 | DOCUMENT NUMBER                                                         |                |  |
| ANGULAR TOL ± °                                                                                                                               |   |       |      | DRWN: JMARSZALEK 2012/08/27                                                               |  |                 | SD-121050-001                                                           |                |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |   |       |      | APPR: MDYSZEWSKA 2012/08/20                                                               |  |                 | SERIES 121050                                                           |                |  |
|                                                                                                                                               |   |       |      | FIRST ANGLE PROJECTION                                                                    |  | DRAWING         |                                                                         | SHEET NUMBER   |  |
|                                                                                                                                               |   |       |      |                                                                                           |  | A3-SIZE         |                                                                         | 39 OF 41       |  |
|                                                                                                                                               |   |       |      |                                                                                           |  | MATERIAL NUMBER |                                                                         | CUSTOMER       |  |
|                                                                                                                                               |   |       |      |                                                                                           |  | SEE TABLE       |                                                                         | GENERAL MARKET |  |

|                     |            |                  |      |            |                  |      |            |                  |      |            |                  |
|---------------------|------------|------------------|------|------------|------------------|------|------------|------------------|------|------------|------------------|
| 10                  | 9          | 8                | 7    | 6          | 5                | 4    | 3          | 2                | 1    |            |                  |
| TABLE 3 - PART LIST |            |                  |      |            |                  |      |            |                  |      |            |                  |
| Pos.                | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: |
| 5761                | 2210507337 | E452P3N15011A12  | 5801 | 2210507377 | E452P3N15011C4H  | 5841 | 2210507445 | E452P3N20011A15  | 5881 | 2210507513 | E452P3N20011R21  |
| 5762                | 2210507338 | E452P3N15011A13  | 5802 | 2210507378 | E452P3N15011C4K  | 5842 | 2210507446 | E452P3N20011A1A  | 5882 | 2210507514 | E452P3N20011R22  |
| 5763                | 2210507339 | E452P3N15011A14  | 5803 | 2210507379 | E452P3N15011C4L  | 5843 | 2210507447 | E452P3N20011A1B  | 5883 | 2210507515 | E452P3N20011R23  |
| 5764                | 2210507340 | E452P3N15011A15  | 5804 | 2210507380 | E452P3N15011C4M  | 5844 | 2210507448 | E452P3N20011A1C  | 5884 | 2210507516 | E452P3N20011R24  |
| 5765                | 2210507341 | E452P3N15011A1A  | 5805 | 2210507385 | E452P3N15011E05  | 5845 | 2210507449 | E452P3N20011A1D  | 5885 | 2210507517 | E452P3N20011R25  |
| 5766                | 2210507342 | E452P3N15011A1B  | 5806 | 2210507400 | E452P3N15011R05  | 5846 | 2210507450 | E452P3N20011A1E  | 5886 | 2210507518 | E452P3N20011R2A  |
| 5767                | 2210507343 | E452P3N15011A1C  | 5807 | 2210507411 | E452P3N15011R21  | 5847 | 2210507451 | E452P3N20011A1G  | 5887 | 2210507519 | E452P3N20011R2B  |
| 5768                | 2210507344 | E452P3N15011A1D  | 5808 | 2210507412 | E452P3N15011R22  | 5848 | 2210507452 | E452P3N20011A1H  | 5888 | 2210507520 | E452P3N20011R2C  |
| 5769                | 2210507345 | E452P3N15011A1E  | 5809 | 2210507413 | E452P3N15011R23  | 5849 | 2210507453 | E452P3N20011A1K  | 5889 | 2210507521 | E452P3N20011R2D  |
| 5770                | 2210507346 | E452P3N15011A1G  | 5810 | 2210507414 | E452P3N15011R24  | 5850 | 2210507454 | E452P3N20011A1L  | 5890 | 2210507522 | E452P3N20011R2E  |
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| 5774                | 2210507350 | E452P3N15011A1M  | 5814 | 2210507418 | E452P3N15011R2C  | 5854 | 2210507458 | E452P3N20011C33  | 5894 | 2210507526 | E452P3N20011R2L  |
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SCALE

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GENERAL TOLERANCES  
(UNLESS SPECIFIED)

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|             | MM  | INCH |
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DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

CURRENT REV DESC: REVISION CREATED FOR  
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

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DOCUMENT NUMBER

SD-121050-001

DOC TYPE

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