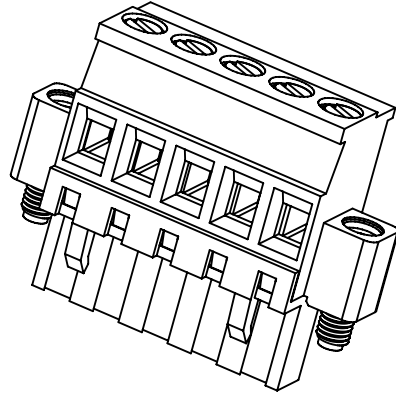
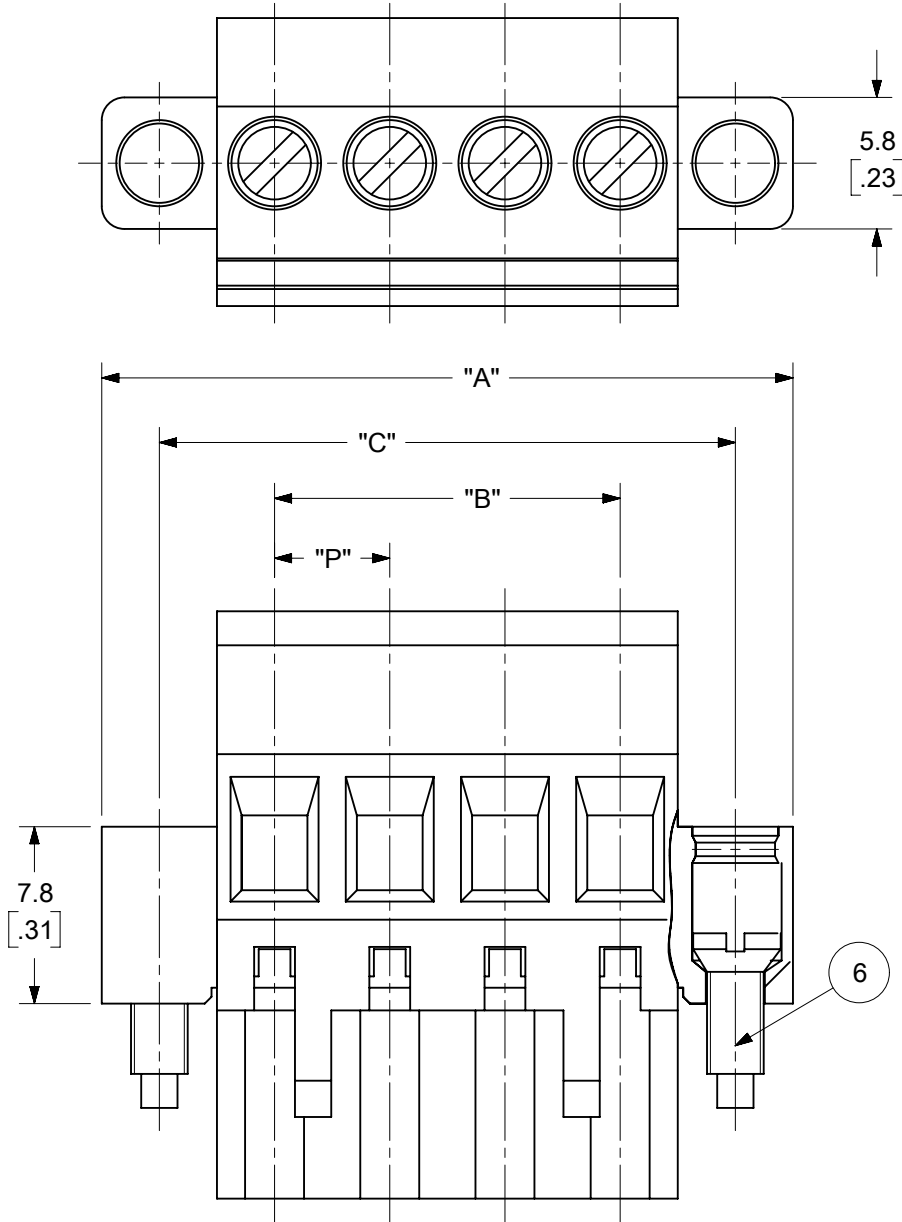
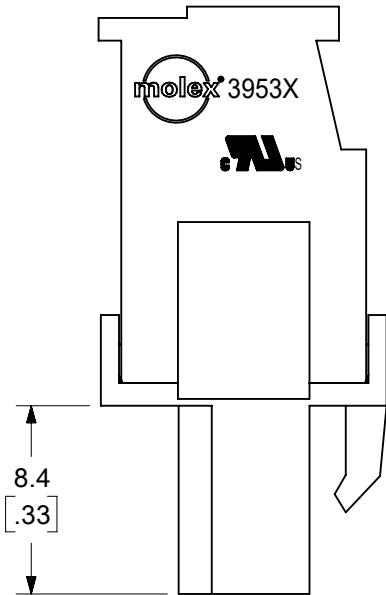
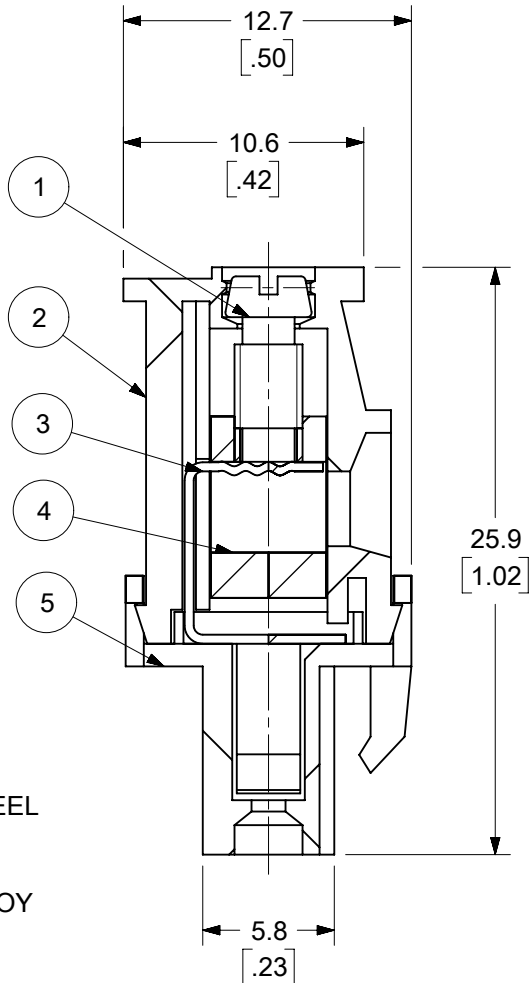


- SPECIFICATIONS:
- MATERIAL:
    - M3 CLAMP SCREW: ZINC PLATED STEEL
    - BODY: PA66, UL94-V0
    - TERMINAL: TIN PLATED COPPER ALLOY
    - CAGE: NICKEL PLATED BRASS
    - COVER: PA66, UL94-V0
    - M3 MOUNTING SCREW: ZINC PLATED STEEL
  - WIRE RANGE: 12-30AWG
  - ELECTRICAL RATING: 300V, 18A PER UL
  - WIRE STRIP LENGTH: 5.0mm
  - OPERATING TEMPERATURE: -40°C to +105°C.
  - MAX TORQUE: 5 IN. LBS.
  - INSULATION RESISTANCE: DC 500V, 500MΩ.
  - DIELECTRIC WITHSTAND: AC 2500V FOR 1 MINUTE.
  - BREAKDOWN VOLTAGE : 4000V.
  - CONTACT RESISTANCE: <10 milliohms

|                 |    |              |            |          |
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| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/05/25 | 16:08:36 |
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| TOLERANCES |       |            |       |
|------------|-------|------------|-------|
| MM         | TOL   | INCH       | TOL   |
| 0-6        | ±0.25 | 0-.24      | ±.010 |
| >6-30      | ±0.40 | >.24-1.18  | ±.016 |
| >30-120    | ±0.50 | >1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76      | ±.031 |

|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  |                                                                                                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|--|------------------------|-----------|-------------------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  |                                                                                                     |  |
| FUNCTIONAL SYMBOLS<br><div>FA = 0</div> <div>FE = 0</div> <div>FP = 0</div>                                                                   |  | DIMENSION UNITS                          |  | SCALE                  |           | CURRENT REV DESC: REMOVED PCB LAYOUT                                    |           |                                                                                                           |  | <div>molex</div> <div>5.08MM, EURO PLUG,<br/>VERTICAL FRONT WIRE<br/>ENTRY WITH MOUNTING ENDS</div> |  |
|                                                                                                                                               |  | MM/INCH                                  |  | 3:1                    |           |                                                                         |           |                                                                                                           |  |                                                                                                     |  |
|                                                                                                                                               |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  |                        |           |                                                                         |           |                                                                                                           |  |                                                                                                     |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  |                                          |  | MM                     |           | INCH                                                                    |           | EC NO: 750901<br>DRWN: ABENJAMINLW 2023/05/24<br>CHK'D: DACHAMMER 2023/05/24<br>APPR: JFMURPHY 2023/05/25 |  |                                                                                                     |  |
|                                                                                                                                               |  | 4 PLACES                                 |  | ±                      | ---       | ±                                                                       | ---       |                                                                                                           |  |                                                                                                     |  |
|                                                                                                                                               |  | 3 PLACES                                 |  | ±                      | ---       | SEE CHART                                                               |           |                                                                                                           |  |                                                                                                     |  |
|                                                                                                                                               |  | 2 PLACES                                 |  | ±                      | SEE CHART | ±                                                                       | SEE CHART |                                                                                                           |  |                                                                                                     |  |
|                                                                                                                                               |  | 1 PLACE                                  |  | ±                      | SEE CHART | ±                                                                       | ---       |                                                                                                           |  |                                                                                                     |  |
|                                                                                                                                               |  | 0 PLACES                                 |  | ±                      | ---       | ±                                                                       | ---       |                                                                                                           |  |                                                                                                     |  |
|                                                                                                                                               |  | ANGULAR TOL                              |  | ±                      | ---       | INITIAL REVISION:<br>DRWN: CYORK 2006/03/23<br>APPR: RDEROSS 2006/03/24 |           |                                                                                                           |  |                                                                                                     |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |                                          |  | THIRD ANGLE PROJECTION |           | DRAWING                                                                 |           | SERIES                                                                                                    |  | MATERIAL NUMBER                                                                                     |  |
|                                                                                                                                               |  |                                          |  |                        |           | B-SIZE                                                                  |           | 39537                                                                                                     |  | SEE SHEET-2                                                                                         |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | CUSTOMER                                                                                            |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | GENERAL MARKET                                                                                      |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | SHEET NUMBER                                                                                        |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | 1 OF 2                                                                                              |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | SD-39537-001                                                                                        |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | PSD                                                                                                 |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | 001                                                                                                 |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | A3                                                                                                  |  |
|                                                                                                                                               |  |                                          |  |                        |           |                                                                         |           |                                                                                                           |  | REVISION                                                                                            |  |

|                                                |  |                 |                  |           |           |                  |           |           |                  |           |            |                  |           |                         |          |      |          |      |          |      |
|------------------------------------------------|--|-----------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|------------|------------------|-----------|-------------------------|----------|------|----------|------|----------|------|
| 10                                             |  | 9               |                  | 8         |           | 7                |           | 6         |                  | 5         |            | 4                |           | 3                       |          | 2    |          | 1    |          |      |
|                                                |  | CIRCUIT<br>SIZE | MATERIAL NUMBERS |           |           |                  |           |           |                  |           |            |                  |           | DIMENSIONAL INFORMATION |          |      |          |      |          |      |
|                                                |  |                 | BLACK            |           |           |                  |           | GREEN     |                  |           |            |                  |           |                         |          |      |          |      |          |      |
|                                                |  |                 | 100% TIN         |           |           | 30 u" GOLD       |           | 100% TIN  |                  |           | 30 u" GOLD |                  |           |                         |          |      |          |      |          |      |
| DESCRIPTION                                    |  |                 | PRINTING OPTIONS |           |           | PRINTING OPTIONS |           |           | PRINTING OPTIONS |           |            | PRINTING OPTIONS |           |                         | DIM. "A" |      | DIM. "B" |      | DIM. "C" |      |
|                                                |  |                 | None             | 10AV      | 11AV      | None             | 10AV      | 11AV      | None             | 10AV      | 11AV       | None             | 10AV      | 11AV                    | mm       | inch | mm       | inch | mm       | inch |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 2               | 395373002        | 395373302 | 395373402 | 395373502        | 395373802 | 395373902 | 395378002        | 395378302 | 395378402  | 395378502        | 395378802 | 395378902               | 20.3     | .80  | 5.1      | .20  | 15.2     | .60  |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 3               | 395373003        | 395373303 | 395373403 | 395373503        | 395373803 | 395373903 | 395378003        | 395378303 | 395378403  | 395378503        | 395378803 | 395378903               | 25.4     | 1.00 | 10.2     | .40  | 20.3     | .80  |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 4               | 395373004        | 395373304 | 395373404 | 395373504        | 395373804 | 395373904 | 395378004        | 395378304 | 395378404  | 395378504        | 395378804 | 395378904               | 30.5     | 1.20 | 15.2     | .60  | 25.4     | 1.00 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 5               | 395373005        | 395373305 | 395373405 | 395373505        | 395373805 | 395373905 | 395378005        | 395378305 | 395378405  | 395378505        | 395378805 | 395378905               | 35.6     | 1.40 | 20.3     | .80  | 30.5     | 1.20 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 6               | 395373006        | 395373306 | 395373406 | 395373506        | 395373806 | 395373906 | 395378006        | 395378306 | 395378406  | 395378506        | 395378806 | 395378906               | 40.6     | 1.60 | 25.4     | 1.00 | 35.6     | 1.40 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 7               | 395373007        | 395373307 | 395373407 | 395373507        | 395373807 | 395373907 | 395378007        | 395378307 | 395378407  | 395378507        | 395378807 | 395378907               | 45.7     | 1.80 | 30.5     | 1.20 | 40.6     | 1.60 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 8               | 395373008        | 395373308 | 395373408 | 395373508        | 395373808 | 395373908 | 395378008        | 395378308 | 395378408  | 395378508        | 395378808 | 395378908               | 50.8     | 2.00 | 35.6     | 1.40 | 45.7     | 1.80 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 9               | 395373009        | 395373309 | 395373409 | 395373509        | 395373809 | 395373909 | 395378009        | 395378309 | 395378409  | 395378509        | 395378809 | 395378909               | 55.9     | 2.20 | 40.6     | 1.60 | 50.8     | 2.00 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 10              | 395373010        | 395373310 | 395373410 | 395373510        | 395373810 | 395373910 | 395378010        | 395378310 | 395378410  | 395378510        | 395378810 | 395378910               | 61.0     | 2.40 | 45.7     | 1.80 | 55.9     | 2.20 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 11              | 395373011        | 395373311 | 395373411 | 395373511        | 395373811 | 395373911 | 395378011        | 395378311 | 395378411  | 395378511        | 395378811 | 395378911               | 66.0     | 2.60 | 50.8     | 2.00 | 61.0     | 2.40 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 12              | 395373012        | 395373312 | 395373412 | 395373512        | 395373812 | 395373912 | 395378012        | 395378312 | 395378412  | 395378512        | 395378812 | 395378912               | 71.1     | 2.80 | 55.9     | 2.20 | 66.0     | 2.60 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 13              | 395373013        | 395373313 | 395373413 | 395373513        | 395373813 | 395373913 | 395378013        | 395378313 | 395378413  | 395378513        | 395378813 | 395378913               | 76.2     | 3.00 | 61.0     | 2.40 | 71.1     | 2.80 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 14              | 395373014        | 395373314 | 395373414 | 395373514        | 395373814 | 395373914 | 395378014        | 395378314 | 395378414  | 395378514        | 395378814 | 395378914               | 81.3     | 3.20 | 66.0     | 2.60 | 76.2     | 3.00 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 15              | 395373015        | 395373315 | 395373415 | 395373515        | 395373815 | 395373915 | 395378015        | 395378315 | 395378415  | 395378515        | 395378815 | 395378915               | 86.4     | 3.40 | 71.1     | 2.80 | 81.3     | 3.20 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 16              | 395373016        | 395373316 | 395373416 | 395373516        | 395373816 | 395373916 | 395378016        | 395378316 | 395378416  | 395378516        | 395378816 | 395378916               | 91.4     | 3.60 | 76.2     | 3.00 | 86.4     | 3.40 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 17              | 395373017        | 395373317 | 395373417 | 395373517        | 395373817 | 395373917 | 395378017        | 395378317 | 395378417  | 395378517        | 395378817 | 395378917               | 96.5     | 3.80 | 81.3     | 3.20 | 91.4     | 3.60 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 18              | 395373018        | 395373318 | 395373418 | 395373518        | 395373818 | 395373918 | 395378018        | 395378318 | 395378418  | 395378518        | 395378818 | 395378918               | 101.6    | 4.00 | 86.4     | 3.40 | 96.5     | 3.80 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 19              | 395373019        | 395373319 | 395373419 | 395373519        | 395373819 | 395373919 | 395378019        | 395378319 | 395378419  | 395378519        | 395378819 | 395378919               | 106.7    | 4.20 | 91.4     | 3.60 | 101.6    | 4.00 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 20              | 395373020        | 395373320 | 395373420 | 395373520        | 395373820 | 395373920 | 395378020        | 395378320 | 395378420  | 395378520        | 395378820 | 395378920               | 111.8    | 4.40 | 96.5     | 3.80 | 106.7    | 4.20 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 21              | 395373021        | 395373321 | 395373421 | 395373521        | 395373821 | 395373921 | 395378021        | 395378321 | 395378421  | 395378521        | 395378821 | 395378921               | 116.8    | 4.60 | 101.6    | 4.00 | 111.8    | 4.40 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 22              | 395373022        | 395373322 | 395373422 | 395373522        | 395373822 | 395373922 | 395378022        | 395378322 | 395378422  | 395378522        | 395378822 | 395378922               | 121.9    | 4.80 | 106.7    | 4.20 | 116.8    | 4.60 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 23              | 395373023        | 395373323 | 395373423 | 395373523        | 395373823 | 395373923 | 395378023        | 395378323 | 395378423  | 395378523        | 395378823 | 395378923               | 127.0    | 5.00 | 111.8    | 4.40 | 121.9    | 4.80 |
| 5.08mm, EURO PLUG, VERTICAL FWE, MOUNTING ENDS |  | 24              | 395373024        | 395373324 | 395373424 | 395373524        | 395373824 | 395373924 | 395378024        | 395378324 | 395378424  | 395378524        | 395378824 | 395378924               | 132.1    | 5.20 | 116.8    | 4.60 | 127.0    | 5.00 |

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|            |       |           |       |
|------------|-------|-----------|-------|
| TOLERANCES |       |           |       |
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|                                                                          |                                                                                                                                               |                         |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| FUNCTIONAL SYMBOLS<br><div>FA= 0</div> <div>FE= 0</div> <div>FE= 0</div> | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                         |
|                                                                          | DIMENSION UNITS                                                                                                                               | SCALE                   |
|                                                                          | MM/INCH                                                                                                                                       | 3:1                     |
|                                                                          | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                         |
|                                                                          |                                                                                                                                               | MM INCH                 |
|                                                                          | 4 PLACES                                                                                                                                      | ± --- ± ---             |
|                                                                          | 3 PLACES                                                                                                                                      | ± --- ± SEE CHART       |
|                                                                          | 2 PLACES                                                                                                                                      | ± SEE CHART ± SEE CHART |
|                                                                          | 1 PLACE                                                                                                                                       | ± SEE CHART ± ---       |
|                                                                          | 0 PLACES                                                                                                                                      | ± --- ± ---             |
| DIVISIONAL SYMBOLS                                                       | ANGULAR TOL ± ---                                                                                                                             |                         |
|                                                                          | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |                         |
|                                                                          | THIRD ANGLE PROJECTION                                                                                                                        | DRAWING                 |
|                                                                          |                                                                                                                                               | B-SIZE                  |
|                                                                          | SERIES                                                                                                                                        | 39537                   |
|                                                                          | MATERIAL NUMBER                                                                                                                               | SEE CHART               |
|                                                                          | CUSTOMER                                                                                                                                      | GENERAL MARKET          |
|                                                                          | SHEET NUMBER                                                                                                                                  |                         |
|                                                                          | 2 OF 2                                                                                                                                        |                         |
|                                                                          | EC NO: 750901                                                                                                                                 |                         |
| DRWN: ABENJAMINLW                                                        |                                                                                                                                               |                         |
| CHK'D: DACHAMMER                                                         |                                                                                                                                               |                         |
| APPR: JFMURPHY                                                           |                                                                                                                                               |                         |
| INITIAL REVISION:                                                        |                                                                                                                                               |                         |
| DRWN: CYORK                                                              |                                                                                                                                               |                         |
| APPR: RDEROSS                                                            |                                                                                                                                               |                         |
| 2023/05/24                                                               |                                                                                                                                               |                         |
| 2023/05/24                                                               |                                                                                                                                               |                         |
| 2023/05/25                                                               |                                                                                                                                               |                         |
| 2006/03/23                                                               |                                                                                                                                               |                         |
| 2006/03/24                                                               |                                                                                                                                               |                         |
| CURRENT REV DESC: REMOVED PCB LAYOUT                                     |                                                                                                                                               |                         |

|                                                                                             |          |          |          |
|---------------------------------------------------------------------------------------------|----------|----------|----------|
| <div>molex</div> <div>5.08MM, EURO PLUG, VERTICAL FRONT WIRE ENTRY WITH MOUNTING ENDS</div> |          |          |          |
| PRODUCT CUSTOMER DRAWING                                                                    |          |          |          |
| DOCUMENT NUMBER                                                                             | DOC TYPE | DOC PART | REVISION |
| SD-39537-001                                                                                | PSD      | 001      | A3       |

|                 |  |                |  |              |  |
|-----------------|--|----------------|--|--------------|--|
| MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
| SEE CHART       |  | GENERAL MARKET |  | 2 OF 2       |  |

FORMAT: Eng-legal-2023-05-25-Prod-B

REVISION: E

DATE: 2020/01/14

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