



|                |            |                         |  |    |  |                |                |                         |  |   |  |                |              |                         |  |   |  |                |                  |                         |  |   |  |
|----------------|------------|-------------------------|--|----|--|----------------|----------------|-------------------------|--|---|--|----------------|--------------|-------------------------|--|---|--|----------------|------------------|-------------------------|--|---|--|
| 12             |            | 11                      |  | 10 |  | 9              |                | 8                       |  | 7 |  | 6              |              | 5                       |  | 4 |  | 3              |                  | 2                       |  | 1 |  |
| PLATING:       |            | 35 M.I. TIN             |  |    |  | PLATING:       |                | 35 M.I. TIN             |  |   |  | PLATING:       |              | 30 M.I. GOLD            |  |   |  | PLATING:       |                  | 30 M.I. GOLD            |  |   |  |
| DRAIN HOLES:   |            | WITHOUT DRAIN HOLES     |  |    |  | DRAIN HOLES:   |                | WITHOUT DRAIN HOLES     |  |   |  | DRAIN HOLES:   |              | WITHOUT DRAIN HOLES     |  |   |  | DRAIN HOLES:   |                  | WITHOUT DRAIN HOLES     |  |   |  |
| MTG. OPTION:   |            | WITH PEGS               |  |    |  | MTG. OPTION:   |                | WITH PEGS               |  |   |  | MTG. OPTION:   |              | WITH PEGS               |  |   |  | MTG. OPTION:   |                  | WITH PEGS               |  |   |  |
| HOUSING MAT'L: |            | NYLON 6/6 94V-2 NATURAL |  |    |  | HOUSING MAT'L: |                | NYLON 6/6 94V-0 NATURAL |  |   |  | HOUSING MAT'L: |              | NYLON 6/6 94V-2 NATURAL |  |   |  | HOUSING MAT'L: |                  | NYLON 6/6 94V-0 NATURAL |  |   |  |
| PACKAGING:     |            | PK-5566-001             |  |    |  | PACKAGING:     |                | PK-5566-001             |  |   |  | PACKAGING:     |              | PK-5566-001             |  |   |  | PACKAGING:     |                  | PK-5566-001             |  |   |  |
| PART NO.       | ENG NO.    | CKTS                    |  |    |  | PART NO.       | ENG NO.        | CKTS                    |  |   |  | PART NO.       | ENG NO.      | CKTS                    |  |   |  | PART NO.       | ENG NO.          | CKTS                    |  |   |  |
| 39-29-9023     | 5566 -02A2 | 2                       |  |    |  | 39-29-9027     | 5566 -02A2-210 | 2                       |  |   |  | 39-29-9025     | 5566 -02A2GS | 2                       |  |   |  | 39-29-9029     | 5566 -02A2GS-210 | 2                       |  |   |  |
| 39-29-9043     | 5566 -04A2 | 4                       |  |    |  | 39-29-9047     | 5566 -04A2-210 | 4                       |  |   |  | 39-29-9045     | 5566 -04A2GS | 4                       |  |   |  | 39-29-9049     | 5566 -04A2GS-210 | 4                       |  |   |  |
| 39-29-9063     | 5566 -06A2 | 6                       |  |    |  | 39-29-9067     | 5566 -06A2-210 | 6                       |  |   |  | 39-29-9065     | 5566 -06A2GS | 6                       |  |   |  | 39-29-9069     | 5566 -06A2GS-210 | 6                       |  |   |  |
| 39-29-9083     | 5566 -08A2 | 8                       |  |    |  | 39-29-9087     | 5566 -08A2-210 | 8                       |  |   |  | 39-29-9085     | 5566 -08A2GS | 8                       |  |   |  | 39-29-9089     | 5566 -08A2GS-210 | 8                       |  |   |  |
| 39-29-9103     | 5566 -10A2 | 10                      |  |    |  | 39-29-9107     | 5566 -10A2-210 | 10                      |  |   |  | 39-29-9105     | 5566 -10A2GS | 10                      |  |   |  | 39-29-9109     | 5566 -10A2GS-210 | 10                      |  |   |  |
| 39-29-9123     | 5566 -12A2 | 12                      |  |    |  | 39-29-9127     | 5566 -12A2-210 | 12                      |  |   |  | 39-29-9125     | 5566 -12A2GS | 12                      |  |   |  | 39-29-9129     | 5566 -12A2GS-210 | 12                      |  |   |  |
| 39-29-9143     | 5566 -14A2 | 14                      |  |    |  | 39-29-9147     | 5566 -14A2-210 | 14                      |  |   |  | 39-29-9145     | 5566 -14A2GS | 14                      |  |   |  | 39-29-9149     | 5566 -14A2GS-210 | 14                      |  |   |  |
| 39-29-9163     | 5566 -16A2 | 16                      |  |    |  | 39-29-9167     | 5566 -16A2-210 | 16                      |  |   |  | 39-29-9165     | 5566 -16A2GS | 16                      |  |   |  | 39-29-9169     | 5566 -16A2GS-210 | 16                      |  |   |  |
| 39-29-9183     | 5566 -18A2 | 18                      |  |    |  | 39-29-9187     | 5566 -18A2-210 | 18                      |  |   |  | 39-29-9185     | 5566 -18A2GS | 18                      |  |   |  | 39-29-9189     | 5566 -18A2GS-210 | 18                      |  |   |  |
| 39-29-9203     | 5566 -20A2 | 20                      |  |    |  | 39-29-9207     | 5566 -20A2-210 | 20                      |  |   |  | 39-29-9205     | 5566 -20A2GS | 20                      |  |   |  | 39-29-9209     | 5566 -20A2GS-210 | 20                      |  |   |  |
| 39-29-9223     | 5566 -22A2 | 22                      |  |    |  | 39-29-9227     | 5566 -22A2-210 | 22                      |  |   |  | 39-29-9225     | 5566 -22A2GS | 22                      |  |   |  | 39-29-9229     | 5566 -22A2GS-210 | 22                      |  |   |  |
| 39-29-9243     | 5566 -24A2 | 24                      |  |    |  | 39-29-9247     | 5566 -24A2-210 | 24                      |  |   |  | 39-29-9245     | 5566 -24A2GS | 24                      |  |   |  | 39-29-9249     | 5566 -24A2GS-210 | 24                      |  |   |  |
|                | -          |                         |  |    |  |                | -              |                         |  |   |  |                | -            |                         |  |   |  |                | -                |                         |  |   |  |
|                | -          |                         |  |    |  |                | -              |                         |  |   |  |                | -            |                         |  |   |  |                | -                |                         |  |   |  |

|                |            |                         |   |  |  |                |                |                         |   |  |  |                |              |                         |   |  |  |                |                  |                         |   |  |  |
|----------------|------------|-------------------------|---|--|--|----------------|----------------|-------------------------|---|--|--|----------------|--------------|-------------------------|---|--|--|----------------|------------------|-------------------------|---|--|--|
| PLATING:       |            | 35 M.I. TIN             |   |  |  | PLATING:       |                | 35 M.I. TIN             |   |  |  | PLATING:       |              | 30 M.I. GOLD            |   |  |  | PLATING:       |                  | 30 M.I. GOLD            |   |  |  |
| DRAIN HOLES:   |            | WITHOUT DRAIN HOLES     |   |  |  | DRAIN HOLES:   |                | WITHOUT DRAIN HOLES     |   |  |  | DRAIN HOLES:   |              | WITHOUT DRAIN HOLES     |   |  |  | DRAIN HOLES:   |                  | WITHOUT DRAIN HOLES     |   |  |  |
| MTG. OPTION:   |            | WITH PEGS               |   |  |  | MTG. OPTION:   |                | WITH PEGS               |   |  |  | MTG. OPTION:   |              | WITH PEGS               |   |  |  | MTG. OPTION:   |                  | WITH PEGS               |   |  |  |
| HOUSING MAT'L: |            | NYLON 6/6 94V-2 NATURAL |   |  |  | HOUSING MAT'L: |                | NYLON 6/6 94V-0 NATURAL |   |  |  | HOUSING MAT'L: |              | NYLON 6/6 94V-2 NATURAL |   |  |  | HOUSING MAT'L: |                  | NYLON 6/6 94V-0 NATURAL |   |  |  |
| PACKAGING:     |            | PK-5566-001             |   |  |  | PACKAGING:     |                | PK-5566-001             |   |  |  | PACKAGING:     |              | PK-5566-001             |   |  |  | PACKAGING:     |                  | PK-5566-001             |   |  |  |
| PART NO.       | ENG NO.    | CKTS                    |   |  |  | PART NO.       | ENG NO.        | CKTS                    |   |  |  | PART NO.       | ENG NO.      | CKTS                    |   |  |  | PART NO.       | ENG NO.          | CKTS                    |   |  |  |
|                | 5566 -02B2 | 2                       | * |  |  |                | 5566 -02B2-210 | 2                       | * |  |  |                | 5566 -02B2GS | 2                       | * |  |  |                | 5566 -02B2GS-210 | 2                       | * |  |  |
| 39-29-9042     | 5566 -04B2 | 4                       | * |  |  | 39-29-9046     | 5566 -04B2-210 | 4                       | * |  |  | 39-29-9044     | 5566 -04B2GS | 4                       | * |  |  | 39-28-9048     | 5566 -04B2GS-210 | 4                       | * |  |  |
| 39-29-9062     | 5566 -06B2 | 6                       | * |  |  | 39-29-9066     | 5566 -06B2-210 | 6                       | * |  |  | 39-29-9064     | 5566 -06B2GS | 6                       | * |  |  | 39-28-9068     | 5566 -06B2GS-210 | 6                       | * |  |  |
| 39-29-9082     | 5566 -08B2 | 8                       | * |  |  | 39-29-9086     | 5566 -08B2-210 | 8                       | * |  |  | 39-29-9084     | 5566 -08B2GS | 8                       | * |  |  | 39-28-9088     | 5566 -08B2GS-210 | 8                       | * |  |  |
| 39-29-9102     | 5566 -10B2 | 10                      | * |  |  | 39-29-9106     | 5566 -10B2-210 | 10                      | * |  |  | 39-29-9104     | 5566 -10B2GS | 10                      | * |  |  | 39-28-9108     | 5566 -10B2GS-210 | 10                      | * |  |  |
| 39-29-9122     | 5566 -12B2 | 12                      | * |  |  | 39-29-9126     | 5566 -12B2-210 | 12                      | * |  |  | 39-29-9124     | 5566 -12B2GS | 12                      | * |  |  | 39-28-9128     | 5566 -12B2GS-210 | 12                      | * |  |  |
| 39-29-9142     | 5566 -14B2 | 14                      | * |  |  | 39-29-9146     | 5566 -14B2-210 | 14                      | * |  |  | 39-29-9144     | 5566 -14B2GS | 14                      | * |  |  | 39-28-9148     | 5566 -14B2GS-210 | 14                      | * |  |  |
| 39-29-9162     | 5566 -16B2 | 16                      | * |  |  | 39-29-9166     | 5566 -16B2-210 | 16                      | * |  |  | 39-29-9164     | 5566 -16B2GS | 16                      | * |  |  | 39-28-9168     | 5566 -16B2GS-210 | 16                      | * |  |  |
| 39-29-9182     | 5566 -18B2 | 18                      | * |  |  | 39-29-9186     | 5566 -18B2-210 | 18                      | * |  |  | 39-29-9184     | 5566 -18B2GS | 18                      | * |  |  | 39-28-9188     | 5566 -18B2GS-210 | 18                      | * |  |  |
| 39-29-9202     | 5566 -20B2 | 20                      | * |  |  | 39-29-9206     | 5566 -20B2-210 | 20                      | * |  |  | 39-29-9204     | 5566 -20B2GS | 20                      | * |  |  | 39-28-9208     | 5566 -20B2GS-210 | 20                      | * |  |  |
| 39-29-9222     | 5566 -22B2 | 22                      | * |  |  |                | 5566 -22B2-210 | 22                      | * |  |  | 39-29-9224     | 5566 -22B2GS | 22                      | * |  |  |                | 5566 -22B2GS-210 | 22                      | * |  |  |
| 39-29-9242     | 5566 -24B2 | 24                      | * |  |  | 39-29-9246     | 5566 -24B2-210 | 24                      | * |  |  | 39-29-9244     | 5566 -24B2GS | 24                      | * |  |  | 39-28-9248     | 5566 -24B2GS-210 | 24                      | * |  |  |
|                | -          |                         |   |  |  |                | -              |                         |   |  |  |                | -            |                         |   |  |  |                | -                |                         |   |  |  |
|                | -          |                         |   |  |  |                | -              |                         |   |  |  |                | -            |                         |   |  |  |                | -                |                         |   |  |  |

PART NUMBERS MARKED IN "\*" IN THIS SHEET ARE NOT RECOMMENDED FOR NEW APPLICATION.  
ALL WITH DRAIN HOLE VERSION PRODUCTS ARE CHANGED TO WITHOUT DRAIN HOLE VERSION PRODUCTS.

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

DIMENSION UNITS

IN/MM

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|             |         |          |
|-------------|---------|----------|
|             | MM      | INCH     |
| 4 PLACES    | ±       | ±        |
| 3 PLACES    | ±       | ± 0.0150 |
| 2 PLACES    | ± 0.380 | ± 0.020  |
| 1 PLACE     | ± 0.50  | ±        |
| 0 PLACES    | ±       | ±        |
| ANGULAR TOL | ±       | 3°       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

5566

CURRENT REV DESC: ADD THE VIEW OF MATING HEIGHT

STATUS: Production

DRWN: Xiao Wei Wang

CHK'D: Xiao Wei Wang

APPR: Xue Qing Zhang

2026-06-25

2026-06-29

2026-06-29

INITIAL REVISION:

DRWN: RJF

APPR: FSMITH

1987/08/19

2012/01/10

DOCUMENT NUMBER

55660021-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A6

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 4

molex

MINIFIT JR VERT HDR ASSY'S W/ PEGS

PRODUCT CUSTOMER DRAWING

FORMAT: EngAqgTC-00prodC

REVISION: 0

DATE: 20251022

12

11

10

9

8

7

6

5

4

3

2

1

| 12             |             |      | 11                      |            | 10              |                | 9 |            | 8                       |      | 7 |                | 6                 |      | 5                       |            | 4                 |                | 3 |            | 2                       |      | 1 |  |
|----------------|-------------|------|-------------------------|------------|-----------------|----------------|---|------------|-------------------------|------|---|----------------|-------------------|------|-------------------------|------------|-------------------|----------------|---|------------|-------------------------|------|---|--|
| PLATING:       |             |      | 100 M.I. BRIGHT TIN     |            |                 | PLATING:       |   |            | 100 M.I. BRIGHT TIN     |      |   | PLATING:       |                   |      | 15 M.I. SELECT GOLD     |            |                   | PLATING:       |   |            | 15 M.I. SELECT GOLD     |      |   |  |
| DRAIN HOLES:   |             |      | WITHOUT DRAIN HOLES     |            |                 | DRAIN HOLES:   |   |            | WITHOUT DRAIN HOLES     |      |   | DRAIN HOLES:   |                   |      | WITHOUT DRAIN HOLES     |            |                   | DRAIN HOLES:   |   |            | WITHOUT DRAIN HOLES     |      |   |  |
| MTG. OPTION:   |             |      | WITH PEGS               |            |                 | MTG. OPTION:   |   |            | WITH PEGS               |      |   | MTG. OPTION:   |                   |      | WITH PEGS               |            |                   | MTG. OPTION:   |   |            | WITH PEGS               |      |   |  |
| HOUSING MAT'L: |             |      | NYLON 6/6 94V-2 NATURAL |            |                 | HOUSING MAT'L: |   |            | NYLON 6/6 94V-0 NATURAL |      |   | HOUSING MAT'L: |                   |      | NYLON 6/6 94V-2 NATURAL |            |                   | HOUSING MAT'L: |   |            | NYLON 6/6 94V-0 NATURAL |      |   |  |
| PACKAGING:     |             |      | PK-5566-001             |            |                 | PACKAGING:     |   |            | PK-5566-001             |      |   | PACKAGING:     |                   |      | PK-5566-001             |            |                   | PACKAGING:     |   |            | PK-5566-001             |      |   |  |
| PART NO.       | ENG NO.     | CKTS |                         | PART NO.   | ENG NO.         | CKTS           |   | PART NO.   | ENG NO.                 | CKTS |   | PART NO.       | ENG NO.           | CKTS |                         | PART NO.   | ENG NO.           | CKTS           |   | PART NO.   | ENG NO.                 | CKTS |   |  |
| 39-30-6025     | 5566 -02A2S | 2    |                         | 39-30-6026 | 5566 -02A2S-210 | 2              |   | 39-30-0026 | 5566 -02A2GS2           | 2    |   | 39-30-0027     | 5566 -02A2GS2-210 | 2    |                         | 39-30-0027 | 5566 -02A2GS2-210 | 2              |   | 39-30-0027 | 5566 -02A2GS2-210       | 2    |   |  |
| 39-30-6045     | 5566 -04A2S | 4    |                         | 39-30-6046 | 5566 -04A2S-210 | 4              |   | 39-30-0046 | 5566 -04A2GS2           | 4    |   | 39-30-0047     | 5566 -04A2GS2-210 | 4    |                         | 39-30-0047 | 5566 -04A2GS2-210 | 4              |   | 39-30-0047 | 5566 -04A2GS2-210       | 4    |   |  |
| 39-30-6065     | 5566 -06A2S | 6    |                         | 39-30-6066 | 5566 -06A2S-210 | 6              |   | 39-30-0066 | 5566 -06A2GS2           | 6    |   | 39-30-0067     | 5566 -06A2GS2-210 | 6    |                         | 39-30-0067 | 5566 -06A2GS2-210 | 6              |   | 39-30-0067 | 5566 -06A2GS2-210       | 6    |   |  |
| 39-30-6085     | 5566 -08A2S | 8    |                         | 39-30-6086 | 5566 -08A2S-210 | 8              |   | 39-30-0086 | 5566 -08A2GS2           | 8    |   | 39-30-0087     | 5566 -08A2GS2-210 | 8    |                         | 39-30-0087 | 5566 -08A2GS2-210 | 8              |   | 39-30-0087 | 5566 -08A2GS2-210       | 8    |   |  |
| 39-30-6105     | 5566 -10A2S | 10   |                         | 39-30-6106 | 5566 -10A2S-210 | 10             |   | 39-30-0106 | 5566 -10A2GS2           | 10   |   | 39-30-0107     | 5566 -10A2GS2-210 | 10   |                         | 39-30-0107 | 5566 -10A2GS2-210 | 10             |   | 39-30-0107 | 5566 -10A2GS2-210       | 10   |   |  |
| 39-30-6125     | 5566 -12A2S | 12   |                         | 39-30-6126 | 5566 -12A2S-210 | 12             |   | 39-30-0126 | 5566 -12A2GS2           | 12   |   | 39-30-0127     | 5566 -12A2GS2-210 | 12   |                         | 39-30-0127 | 5566 -12A2GS2-210 | 12             |   | 39-30-0127 | 5566 -12A2GS2-210       | 12   |   |  |
| 39-30-6145     | 5566 -14A2S | 14   |                         | 39-30-6146 | 5566 -14A2S-210 | 14             |   | 39-30-0146 | 5566 -14A2GS2           | 14   |   | 39-30-0147     | 5566 -14A2GS2-210 | 14   |                         | 39-30-0147 | 5566 -14A2GS2-210 | 14             |   | 39-30-0147 | 5566 -14A2GS2-210       | 14   |   |  |
| 39-30-6165     | 5566 -16A2S | 16   |                         | 39-30-6166 | 5566 -16A2S-210 | 16             |   | 39-30-0166 | 5566 -16A2GS2           | 16   |   | 39-30-0167     | 5566 -16A2GS2-210 | 16   |                         | 39-30-0167 | 5566 -16A2GS2-210 | 16             |   | 39-30-0167 | 5566 -16A2GS2-210       | 16   |   |  |
| 39-30-6185     | 5566 -18A2S | 18   |                         | 39-30-6186 | 5566 -18A2S-210 | 18             |   | 39-30-0186 | 5566 -18A2GS2           | 18   |   | 39-30-0187     | 5566 -18A2GS2-210 | 18   |                         | 39-30-0187 | 5566 -18A2GS2-210 | 18             |   | 39-30-0187 | 5566 -18A2GS2-210       | 18   |   |  |
| 39-30-6205     | 5566 -20A2S | 20   |                         | 39-30-6206 | 5566 -20A2S-210 | 20             |   | 39-30-0206 | 5566 -20A2GS2           | 20   |   | 39-30-0207     | 5566 -20A2GS2-210 | 20   |                         | 39-30-0207 | 5566 -20A2GS2-210 | 20             |   | 39-30-0207 | 5566 -20A2GS2-210       | 20   |   |  |
| 39-30-6225     | 5566 -22A2S | 22   |                         | 39-30-6226 | 5566 -22A2S-210 | 22             |   | 39-30-0226 | 5566 -22A2GS2           | 22   |   | 39-30-0227     | 5566 -22A2GS2-210 | 22   |                         | 39-30-0227 | 5566 -22A2GS2-210 | 22             |   | 39-30-0227 | 5566 -22A2GS2-210       | 22   |   |  |
| 39-30-6245     | 5566 -24A2S | 24   |                         | 39-30-6246 | 5566 -24A2S-210 | 24             |   | 39-30-0246 | 5566 -24A2GS2           | 24   |   | 39-30-0247     | 5566 -24A2GS2-210 | 24   |                         | 39-30-0247 | 5566 -24A2GS2-210 | 24             |   | 39-30-0247 | 5566 -24A2GS2-210       | 24   |   |  |
|                | -           |      |                         |            | -               |                |   |            | -                       |      |   |                | -                 |      |                         |            | -                 |                |   |            | -                       |      |   |  |
|                | -           |      |                         |            | -               |                |   |            | -                       |      |   |                | -                 |      |                         |            | -                 |                |   |            | -                       |      |   |  |

|   |                |              |                         |   |                |                   |                         |   |                |             |                         |   |                |                  |                         |   |
|---|----------------|--------------|-------------------------|---|----------------|-------------------|-------------------------|---|----------------|-------------|-------------------------|---|----------------|------------------|-------------------------|---|
| D | PLATING:       |              | 100 M.I. BRIGHT TIN     |   | PLATING:       |                   | 100 M.I. BRIGHT TIN     |   | PLATING:       |             | 100 M.I. MATTE TIN      |   | PLATING:       |                  | 100 M.I. MATTE TIN      |   |
|   | DRAIN HOLES:   |              | WITHOUT DRAIN HOLES     |   | DRAIN HOLES:   |                   | WITHOUT DRAIN HOLES     |   | DRAIN HOLES:   |             | WITHOUT DRAIN HOLES     |   | DRAIN HOLES:   |                  | WITHOUT DRAIN HOLES     |   |
|   | MTG. OPTION:   |              | WITH PEGS               |   | MTG. OPTION:   |                   | WITH PEGS               |   | MTG. OPTION:   |             | WITH PEGS               |   | MTG. OPTION:   |                  | WITH PEGS               |   |
|   | HOUSING MAT'L: |              | NYLON 6/6 94V-2 NATURAL |   | HOUSING MAT'L: |                   | NYLON 6/6 94V-0 NATURAL |   | HOUSING MAT'L: |             | NYLON 6/6 94V-2 NATURAL |   | HOUSING MAT'L: |                  | NYLON 6/6 94V-0 NATURAL |   |
|   | PACKAGING:     |              | PK-5566-001             |   | PACKAGING:     |                   | PK-5566-001             |   | PACKAGING:     |             | PK-5566-001             |   | PACKAGING:     |                  | PK-5566-001             |   |
| C | PART NO.       | ENG NO.      | CKTS                    |   | PART NO.       | ENG NO.           | CKTS                    |   | PART NO.       | ENG NO.     | CKTS                    |   | PART NO.       | ENG NO.          | CKTS                    |   |
|   |                | 5566 -02B2S  | 2                       | * |                | 5566 -02B2S-2 I0  | 2                       | * | 46999-0612     | 5566-02A2MS | 2                       | * | 46999-0621     | 5566-02A2MS-2 I0 | 2                       | * |
|   | 39-30-6047     | 5566 -04B2S  | 4                       | * | 39-30-6048     | 5566 -04B2S-2 I0  | 4                       | * | 46999-0501     | 5566-04A2MS | 4                       | * | 46999-0502     | 5566-04A2MS-2 I0 | 4                       | * |
|   | 39-30-6067     | 5566 -06B2S  | 6                       | * | 39-30-6068     | 5566 -06B2S-2 I0  | 6                       | * | 50-34-8559     | 5566-06A2MS | 6                       | * | 50-34-8562     | 5566-06A2MS-2 I0 | 6                       | * |
|   | 39-30-6087     | 5566 -08B2S  | 8                       | * | 39-30-6088     | 5566 -08B2S-2 I0  | 8                       | * | 46999-0613     | 5566-08A2MS | 8                       | * | 50-34-8563     | 5566-08A2MS-2 I0 | 8                       | * |
| B | 39-30-6 I07    | 5566 - I0B2S | I0                      | * | 39-30-6 I08    | 5566 - I0B2S-2 I0 | I0                      | * | 46999-0614     | 5566-10A2MS | I0                      | * | 46999-0622     | 5566-10A2MS-2 I0 | I0                      | * |
|   | 39-30-6 I27    | 5566 - I2B2S | I2                      | * |                | 5566 -12B2S-2 I0  | I2                      | * | 46999-0615     | 5566-12A2MS | I2                      | * | 46999-0623     | 5566-12A2MS-2 I0 | I2                      | * |
|   | 39-30-6 I47    | 5566 - I4B2S | I4                      | * | 39-30-6 I48    | 5566 - I4B2S-2 I0 | I4                      | * | 46999-0616     | 5566-14A2MS | I4                      | * | 50-34-8561     | 5566-14A2MS-2 I0 | I4                      | * |
|   | 39-30-6 I67    | 5566 - I6B2S | I6                      | * | 39-30-6 I68    | 5566 - I6B2S-2 I0 | I6                      | * | 46999-0617     | 5566-16A2MS | I6                      | * | 46999-0624     | 5566-16A2MS-2 I0 | I6                      | * |
|   | 39-30-6 I87    | 5566 - I8B2S | I8                      | * | 39-30-6 I88    | 5566 - I8B2S-2 I0 | I8                      | * | 46999-0618     | 5566-18A2MS | I8                      | * | 50-34-8564     | 5566-18A2MS-2 I0 | I8                      | * |
| A | 39-30-6207     | 5566 -20B2S  | 20                      | * | 39-30-6208     | 5566 -20B2S-2 I0  | 20                      | * | 50-34-8560     | 5566-20A2MS | 20                      | * | 50-34-2357     | 5566-20A2MS-2 I0 | 20                      | * |
|   | 39-30-6227     | 5566 -22B2S  | 22                      | * | 39-30-6228     | 5566 -22B2S-2 I0  | 22                      | * | 46999-0619     | 5566-22A2MS | 22                      | * | 46999-0625     | 5566-22A2MS-2 I0 | 22                      | * |
|   | 39-30-6247     | 5566 -24B2S  | 24                      | * | 39-30-6248     | 5566 -24B2S-2 I0  | 24                      | * | 46999-0620     | 5566-24A2MS | 24                      | * | 50-34-8566     | 5566-24A2MS-2 I0 | 24                      | * |
|   |                | -            |                         |   |                | -                 |                         |   |                |             |                         |   |                |                  |                         |   |
|   |                | -            |                         |   |                | -                 |                         |   |                |             |                         |   |                |                  |                         |   |

PART NUMBERS MARKED IN "\*" IN THIS SHEET ARE NOT RECOMMENDED FOR NEW APPLICATION.  
ALL WITH DRAIN HOLE VERSION PRODUCTS ARE CHANGED TO WITHOUT DRAIN HOLE VERSION PRODUCTS.

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

DIMENSION UNITS

IN/MM

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|                                                            |         |          |
|------------------------------------------------------------|---------|----------|
|                                                            | MM      | INCH     |
| 4 PLACES                                                   | ±       | ±        |
| 3 PLACES                                                   | ±       | ± 0.0150 |
| 2 PLACES                                                   | ± 0.380 | ± 0.020  |
| 1 PLACE                                                    | ± 0.50  | ±        |
| 0 PLACES                                                   | ±       | ±        |
| ANGULAR TOL                                                | ±       | 3°       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |          |

CURRENT REV DESC: ADD THE VIEW OF MATING HEIGHT

STATUS: Production

DRWN: Xiao Wei Wang

CHK'D: Xiao Wei Wang

APPR: Xue Qing Zhang

2026-06-25

2026-06-29

2026-06-29

INITIAL REVISION:

DRWN: RJF

APPR: FSMITH

1987/08/19

2012/01/10

THIRD ANGLE PROJECTION

DRAWING

SERIES

C-SIZE

5566

DOCUMENT NUMBER

55660021-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A6

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 4

mo

lex

MINIFIT JR VERT HDR ASSY'S W/ PEGS

PRODUCT CUSTOMER DRAWING

FORMAT: EngAppr-TC-RepProd

REVISION: 0

DATE: 20251022

12

11

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|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|---|----------------|---------------|-------------------------|------|----------------|-----------------|-------------------------|--|----------------|---------|---|------|----------------|---------|---|------|---|--|---|--|---|--|---|--|
| H | 12             |               | 11                      |      | 10             |                 | 9                       |  | 8              |         | 7 |      | 6              |         | 5 |      | 4 |  | 3 |  | 2 |  | 1 |  |
|   | PLATING:       |               | 35 M.I. TIN             |      | PLATING:       |                 | 35 M.I. TIN             |  | PLATING:       |         |   |      | PLATING:       |         |   |      |   |  |   |  |   |  |   |  |
|   | DRAIN HOLES:   |               | WITHOUT DRAIN HOLES     |      | DRAIN HOLES:   |                 | WITHOUT DRAIN HOLES     |  | DRAIN HOLES:   |         |   |      | DRAIN HOLES:   |         |   |      |   |  |   |  |   |  |   |  |
|   | MTG. OPTION:   |               | WITH PEGS               |      | MTG. OPTION:   |                 | WITH PEGS               |  | MTG. OPTION:   |         |   |      | MTG. OPTION:   |         |   |      |   |  |   |  |   |  |   |  |
|   | HOUSING MAT'L: |               | NYLON 6/6 94V-2 (BLACK) |      | HOUSING MAT'L: |                 | NYLON 6/6 94V-0 NATURAL |  | HOUSING MAT'L: |         |   |      | HOUSING MAT'L: |         |   |      |   |  |   |  |   |  |   |  |
| G | PACKAGING:     |               | PK-5566-001             |      | PACKAGING:     |                 | 55660000-RPK            |  | PACKAGING:     |         |   |      | PACKAGING:     |         |   |      |   |  |   |  |   |  |   |  |
|   | PART NO.       | ENG NO.       | CKTS                    |      | PART NO.       | ENG NO.         | CKTS                    |  | PART NO.       | ENG NO. |   | CKTS | PART NO.       | ENG NO. |   | CKTS |   |  |   |  |   |  |   |  |
|   |                | -             |                         |      | 39-29-9300     | 5566-02A2-210TR | 2                       |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   | 39-31-9048     | 5566 -04A2-BL | 4                       |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                | -             |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   | 39-31-9088     | 5566 -08A2-BL | 8                       |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                | -             |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                | -             |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                | -             |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                | -             |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
| F | PLATING:       |               |                         |      | PLATING:       |                 | 100 M.I. MATTE TIN      |  | PLATING:       |         |   |      | PLATING:       |         |   |      |   |  |   |  |   |  |   |  |
|   | DRAIN HOLES:   |               |                         |      | DRAIN HOLES:   |                 | WITHOUT DRAIN HOLES     |  | DRAIN HOLES:   |         |   |      | DRAIN HOLES:   |         |   |      |   |  |   |  |   |  |   |  |
|   | MTG. OPTION:   |               |                         |      | MTG. OPTION:   |                 | WITH PEGS               |  | MTG. OPTION:   |         |   |      | MTG. OPTION:   |         |   |      |   |  |   |  |   |  |   |  |
|   | HOUSING MAT'L: |               |                         |      | HOUSING MAT'L: |                 | NYLON 6/6 94V-0 BLACK   |  | HOUSING MAT'L: |         |   |      | HOUSING MAT'L: |         |   |      |   |  |   |  |   |  |   |  |
|   | PACKAGING:     |               |                         |      | PACKAGING:     |                 | PK-5566-001             |  | PACKAGING:     |         |   |      | PACKAGING:     |         |   |      |   |  |   |  |   |  |   |  |
| E | PART NO.       | ENG NO.       |                         | CKTS | PART NO.       | ENG NO.         | CKTS                    |  | PART NO.       | ENG NO. |   | CKTS | PART NO.       | ENG NO. |   | CKTS |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0335     | 5566-02A2MS-400 | 2                       |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0336     | 5566-04A2MS-400 | 4                       |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0337     | 5566-06A2MS-400 | 6                       |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0338     | 5566-08A2MS-400 | 8                       |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0339     | 5566-10A2MS-400 | 10                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0340     | 5566-12A2MS-400 | 12                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0341     | 5566-14A2MS-400 | 14                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0342     | 5566-16A2MS-400 | 16                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0343     | 5566-18A2MS-400 | 18                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
| D |                |               |                         |      | 46999-0344     | 5566-20A2MS-400 | 20                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0345     | 5566-22A2MS-400 | 22                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      | 46999-0346     | 5566-24A2MS-400 | 24                      |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                | -               |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
| C |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
| B |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
| A |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |
|   |                |               |                         |      |                |                 |                         |  |                |         |   |      |                |         |   |      |   |  |   |  |   |  |   |  |

|                                                                                                                                               |    |       |          |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|----------|----------------------------------------------------------------------------------------------------------------------------|--|---------|--|------------------------------------|--|-----------------|--|----------------|--|--------------|--|
| 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: ADD THE VIEW OF MATING HEIGHT                                                                            |  |         |  | <div>molex</div>                   |  |                 |  |                |  |              |  |
| IN/MM                                                                                                                                         |    | NTS   |          |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |    |       |          | STATUS: Production<br>DRWN: Xiao Wei Wang 2026-06-25<br>CHK'D: Xiao Wei Wang 2026-06-29<br>APPR: Xue Qing Zhang 2026-06-29 |  |         |  | MINIFIT JR VERT HDR ASSY'S W/ PEGS |  |                 |  |                |  |              |  |
|                                                                                                                                               | MM | INCH  |          |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
| 4 PLACES                                                                                                                                      | ±  |       | ±        |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
| 3 PLACES                                                                                                                                      | ±  |       | ± 0.0150 |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
| 2 PLACES                                                                                                                                      | ±  | 0.380 | ± 0.020  |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
| 1 PLACE                                                                                                                                       | ±  | 0.50  | ±        | INITIAL REVISION:<br>DRWN: RJF 1987/08/19<br>APPR: FSMITH 2012/01/10                                                       |  |         |  | PRODUCT CUSTOMER DRAWING           |  |                 |  |                |  |              |  |
| 0 PLACES                                                                                                                                      | ±  |       | ±        |                                                                                                                            |  |         |  |                                    |  |                 |  |                |  |              |  |
| ANGULAR TOL                                                                                                                                   |    | ±     | 3°       | DOCUMENT NUMBER                                                                                                            |  |         |  | DOC TYPE                           |  | DOC PART        |  | REVISION       |  |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |    |       |          | THIRD ANGLE PROJECTION                                                                                                     |  | DRAWING |  | SERIES                             |  | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                               |    |       |          |                                                                                                                            |  | C-SIZE  |  | 5566                               |  | SEE TABLE       |  | GENERAL MARKET |  | 4 OF 4       |  |

FORMAT: EngAqpcTCD-RevprodC  
REVISION: 0  
DATE: 10/21/2021

|    |    |    |   |   |   |   |   |   |   |   |   |
|----|----|----|---|---|---|---|---|---|---|---|---|
| 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|----|----|---|---|---|---|---|---|---|---|---|