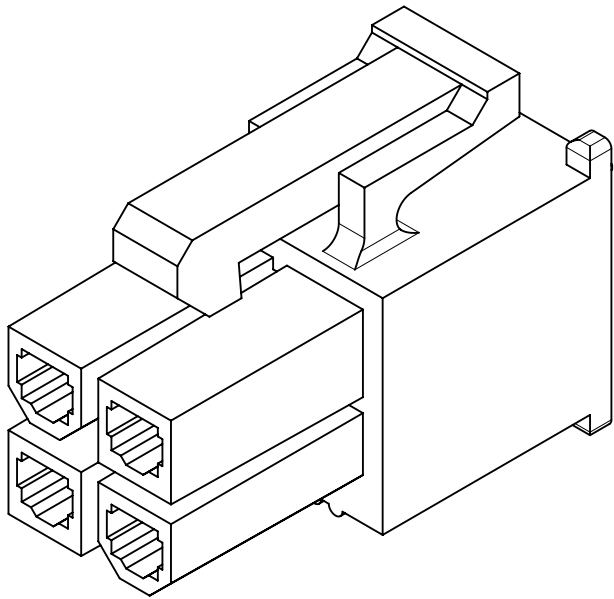
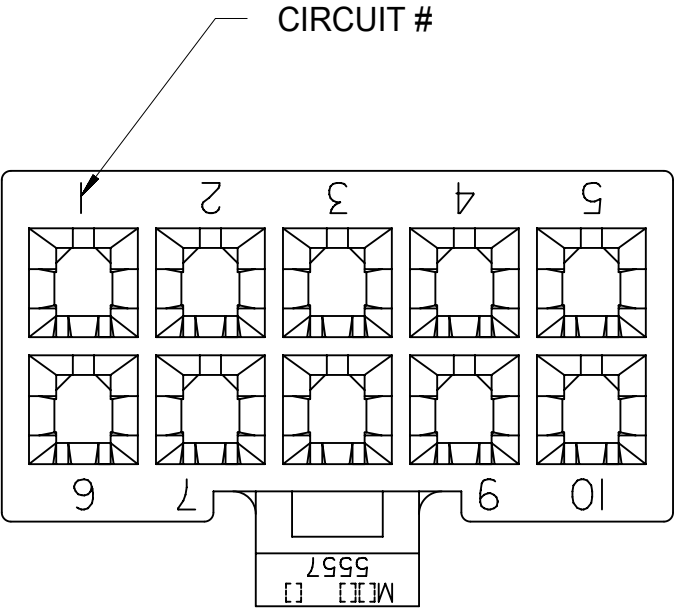
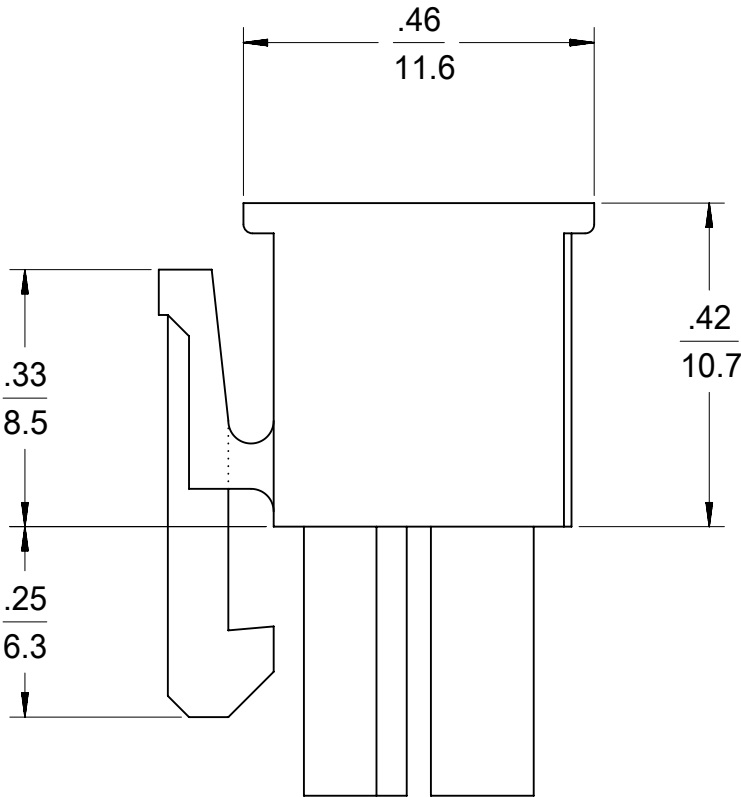
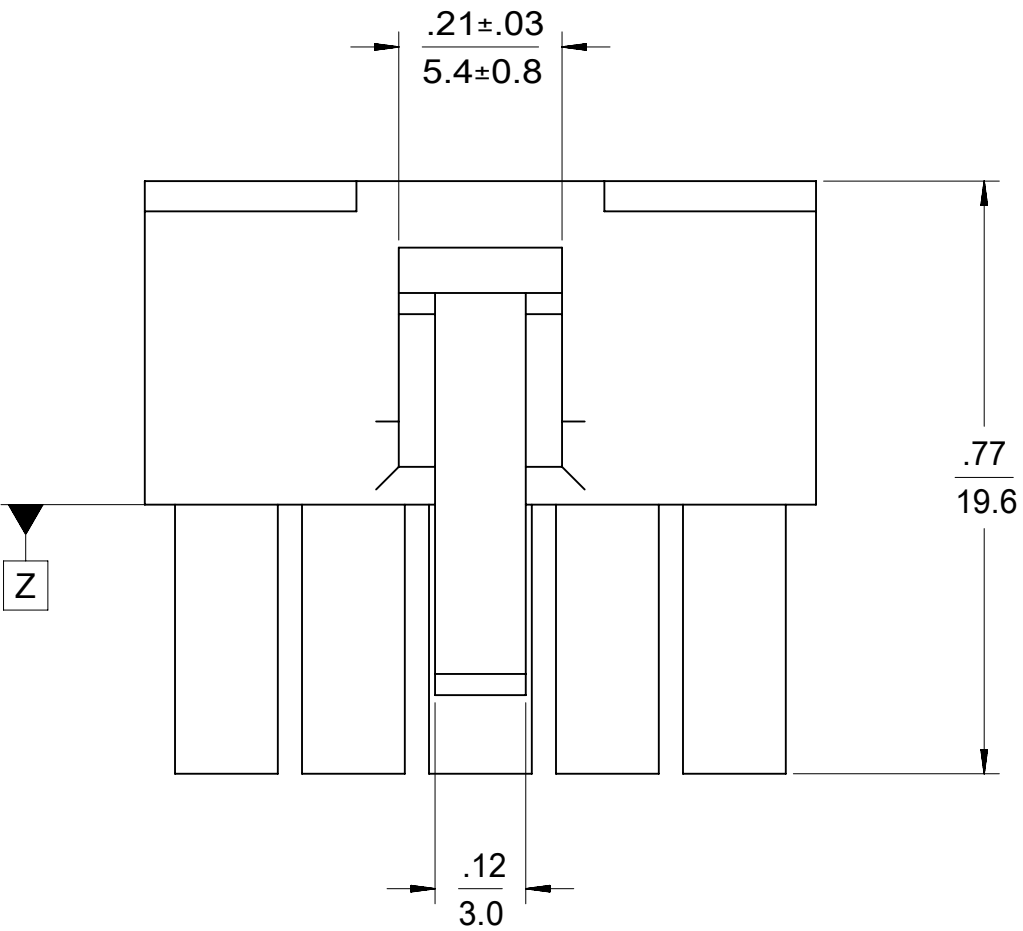
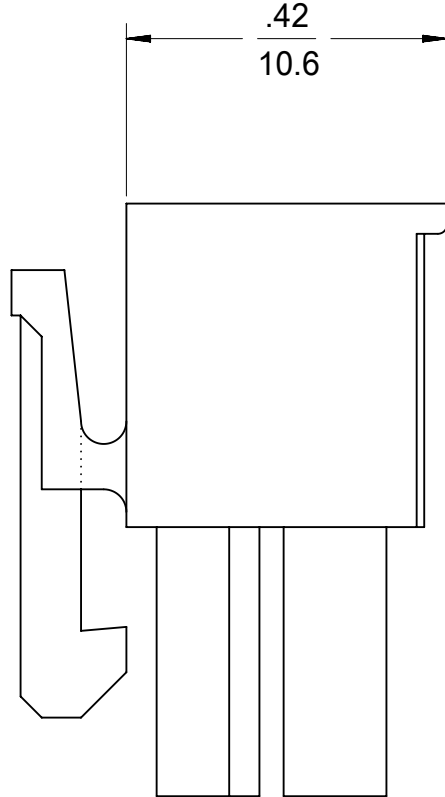




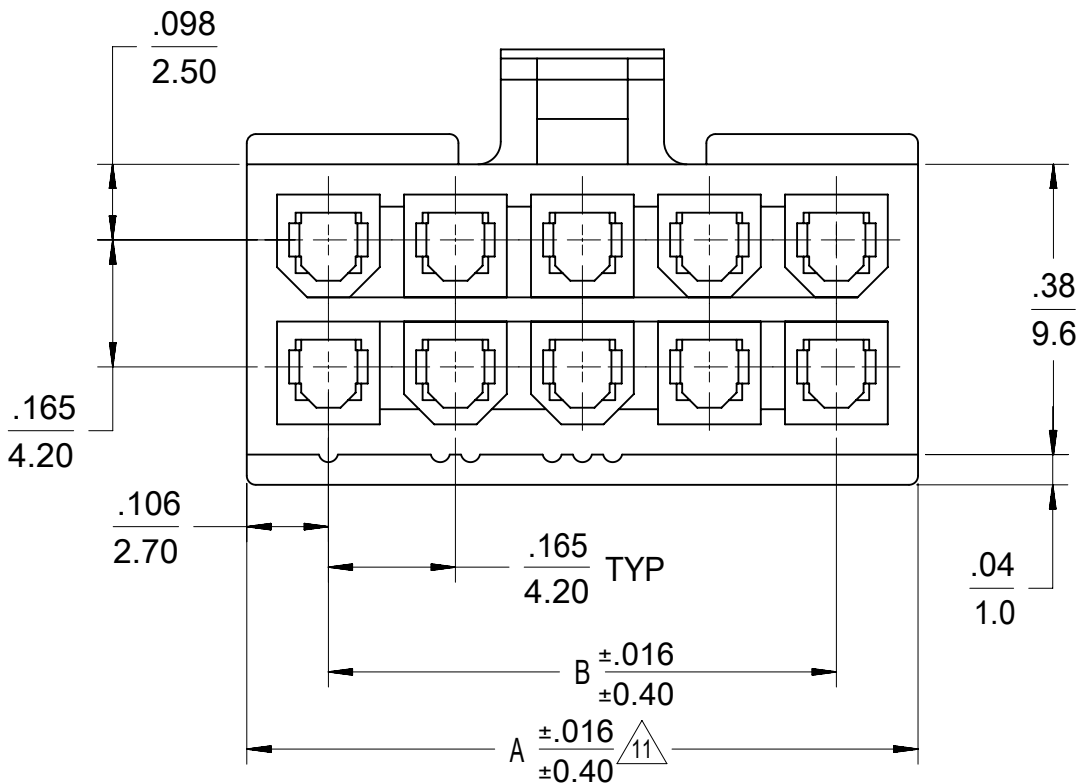
4 CKT SHOWN



4-24 CKT



2 CKT ONLY



LEGEND

46992 -\*\*\* 0

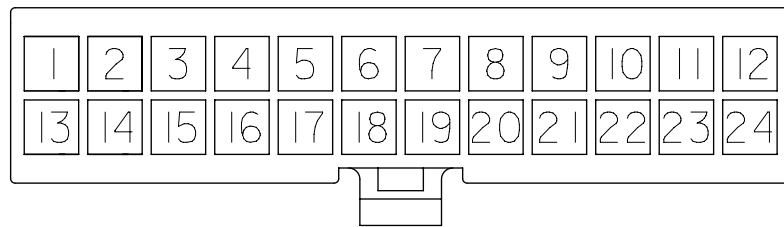
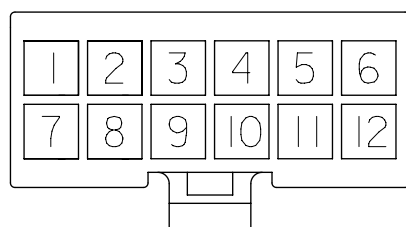
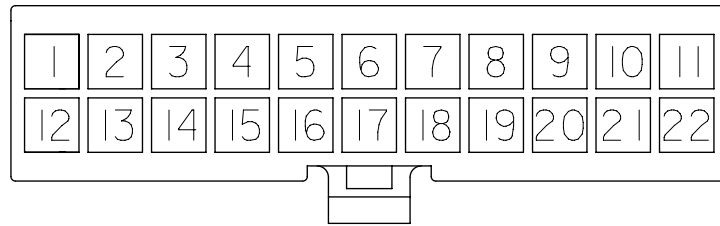
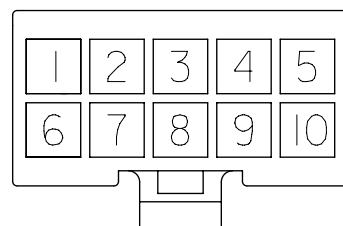
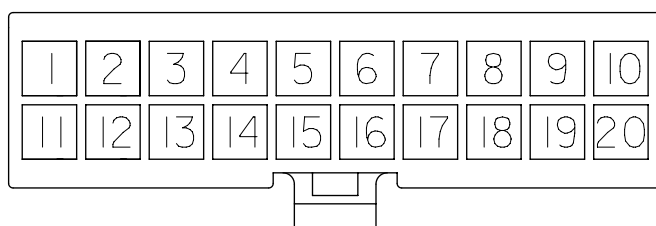
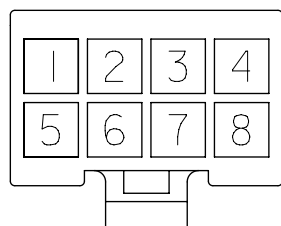
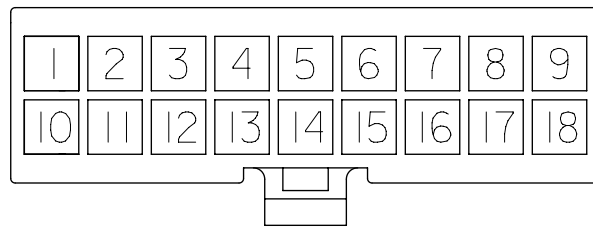
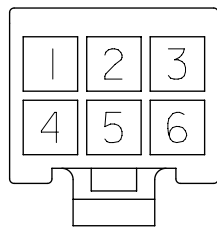
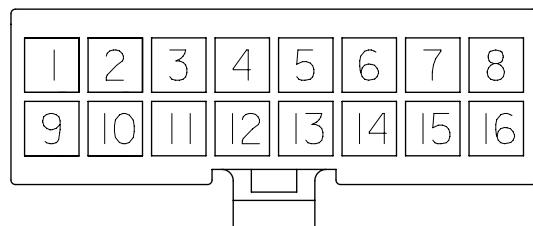
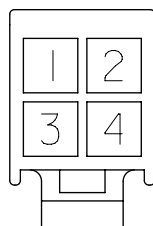
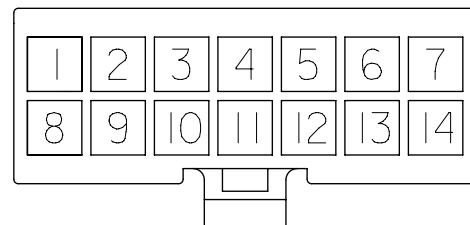
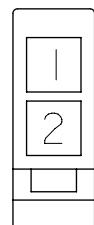
CIRCUIT SIZE

MATERIAL  
(SEE NOTE 1)  
0 = 225NS  
1 = 225S  
2 = 250RS  
3 = 250GS  
4 = 250BS  
5 = 250WS

CONFIGURATION  
DUAL ROW

- NOTES:
- 1) MATERIAL:
- 225S = NYLON 6, UL94V-2, GLOW WIRE MATERIAL COLOR: BLACK
- 225NS = NYLON 6, UL94V-2, GLOW WIRE MATERIAL COLOR: NATURAL
- 250RS = NYLON 6/6, UL94V-0, GLOW WIRE MATERIAL COLOR: RED
- 250GS = NYLON 6/6, UL94V-0, GLOW WIRE MATERIAL COLOR: GREEN
- 250BS = NYLON 6/6, UL94V-0, GLOW WIRE MATERIAL COLOR: BLUE
- 250WS = NYLON 6/6, UL94V-0, GLOW WIRE MATERIAL COLOR: NATURAL
- 2) FINISH: NOT APPLICABLE
- 3) PRODUCT SPECIFICATION: PS-5556-001
- 4) PACKAGING: BULK
- 5) PART MATES WITH MOLEX PLUG #46993 AND HEADERS #172447, #172448.
- 6) PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556.
- 7) PART IS NOT DESIGNED FOR CURRENT SHARING.
- 8) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 9) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.
- 11) TO BE MEASURED AT SURFACE Z
- 12) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
- 13) APPLICATION SPECIFICATION :469920000-AS.
- 14) BUBBLE IS ACCEPTABLE ON LATCH AREA.

|                                                                                                                                               |  |       |      |                                                     |  |                                                                                                    |  |                          |  |                |          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|-------|------|-----------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|--------------------------|--|----------------|----------|--------------|
| 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:                                   |  |                                                                                                    |  | <div>molex</div>         |  |                |          |              |
| mm                                                                                                                                            |  | NTS   |      |                                                     |  |                                                                                                    |  |                          |  |                |          |              |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |  |       |      | MINIFIT JR<br>RECEPTACLE HOUSING DUAL ROW, 2-24 CKT |  |                                                                                                    |  |                          |  |                |          |              |
|                                                                                                                                               |  |       |      |                                                     |  |                                                                                                    |  |                          |  |                |          |              |
| 4 PLACES                                                                                                                                      |  | ±     |      | MM                                                  |  | INCH                                                                                               |  | PRODUCT CUSTOMER DRAWING |  |                |          |              |
| 3 PLACES                                                                                                                                      |  | ±     |      | ± 0.01                                              |  |                                                                                                    |  |                          |  |                |          |              |
| 2 PLACES                                                                                                                                      |  | ±     | 0.25 | ± 0.015                                             |  |                                                                                                    |  |                          |  |                |          |              |
| 1 PLACE                                                                                                                                       |  | ±     | 0.38 | ±                                                   |  |                                                                                                    |  |                          |  |                |          |              |
| 0 PLACES                                                                                                                                      |  | ±     |      |                                                     |  |                                                                                                    |  |                          |  |                |          |              |
| ANGULAR TOL                                                                                                                                   |  |       |      | ± 3.0 °                                             |  | EC NO: 719028<br>DRWN: JERRYW8 2022/08/23<br>CHK'D: XQZHANG 2022/09/01<br>APPR: XQZHANG 2022/09/01 |  |                          |  |                |          |              |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |       |      | INITIAL REVISION:                                   |  |                                                                                                    |  | DOCUMENT NUMBER          |  | DOC TYPE       | DOC PART | REVISION     |
|                                                                                                                                               |  |       |      | DRWN: NNGUYEN 2013/04/12<br>APPR: FSMITH 2014/05/16 |  |                                                                                                    |  | SD-46992-0000            |  | PSD            | 000      | A9           |
| <div><div>THIRD ANGLE PROJECTION</div><div></div></div>  |  |       |      | DRAWING                                             |  | SERIES                                                                                             |  | MATERIAL NUMBER          |  | CUSTOMER       |          | SHEET NUMBER |
|                                                                                                                                               |  |       |      | C-SIZE                                              |  | 46992                                                                                              |  | SEE TABLE                |  | GENERAL MARKET |          | 1 OF 2       |



CIRCUIT SIZE LAYOUT  
(NOT TO SCALE)

| PART NUMBER |  | CKT SIZE | DIM "A"   | DIM "B"    | MATERIAL CODE & COLOR<br>△ |
|-------------|--|----------|-----------|------------|----------------------------|
| 46992-0240  |  | 02       | .21/5.40  | --         | 250BS<br>BLUE (V0)         |
| 46992-0440  |  | 04       | .38/9.60  | .165/4.20  |                            |
| 46992-0640  |  | 06       | .54/13.8  | .331/8.40  |                            |
| 46992-0840  |  | 08       | .71/18.0  | .496/12.60 |                            |
| 46992-1040  |  | 10       | .87/22.2  | .661/16.8  |                            |
| 46992-1240  |  | 12       | 1.04/26.4 | .827/21.00 |                            |
|             |  |          |           |            |                            |
| 46992-0250  |  | 02       | .21/5.40  | --         | 250WS<br>NATURAL (V0)      |
| 46992-0450  |  | 04       | .38/9.60  | .165/4.20  |                            |
| 46992-0650  |  | 06       | .54/13.8  | .331/8.40  |                            |
| 46992-0850  |  | 08       | .71/18.0  | .496/12.60 |                            |
| 46992-1050  |  | 10       | .87/22.2  | .661/16.8  |                            |
| 46992-1250  |  | 12       | 1.04/26.4 | .827/21.00 |                            |
|             |  |          |           |            |                            |

| PART NUMBER    |   | CKT SIZE | DIM "A"     | DIM "B"     | MATERIAL CODE & COLOR<br>⚠ |
|----------------|---|----------|-------------|-------------|----------------------------|
| 46992-0200     |   | 02       | .21/5.40    | --          | 225NS<br>NATURAL (V2)      |
| 46992-0400     |   | 04       | .38/9.60    | .165/4.20   |                            |
| 46992-0600     |   | 06       | .54/13.8    | .331/8.40   |                            |
| 46992-0800     |   | 08       | .71/18.0    | .496/12.60  |                            |
| 46992-1000     |   | 10       | .87/22.2    | .661/16.8   |                            |
| 46992-1200     |   | 12       | 1.04/26.4   | .827/21.00  |                            |
| 46992-1400     |   | 14       | 1.21 / 30.6 | .992/25.20  |                            |
| 46992-1600     |   | 16       | 1.37 / 34.8 | 1.158/29.40 |                            |
| 46992-1800     |   | 18       | 1.54 / 39.0 | 1.323/33.60 |                            |
| 46992-2000     | X | 20       | 1.70 / 43.2 | 1.488/37.80 |                            |
| 46992-2200     | X | 22       | 1.87 / 47.4 | 1.654/42.00 |                            |
| 46992-2400     | X | 24       | 2.03 / 51.6 | 1.819/46.20 |                            |
|                |   |          |             |             |                            |
| 46992-0210     |   | 02       | .21/5.40    | --          | 225S<br>BLACK (V2)         |
| 46992-0410     |   | 04       | .38/9.60    | .165/4.20   |                            |
| 46992-0610     |   | 06       | .54/13.8    | .331/8.40   |                            |
| 46992-0810     |   | 08       | .71/18.0    | .496/12.60  |                            |
| 46992-1010     |   | 10       | .87/22.2    | .661/16.8   |                            |
| 46992-1210     |   | 12       | 1.04/26.4   | .827/21.00  |                            |
| 46992-1410     |   | 14       | 1.21 / 30.6 | .992/25.20  |                            |
| 46992-1610     |   | 16       | 1.37 / 34.8 | 1.158/29.40 |                            |
| 46992-1810     |   | 18       | 1.54 / 39.0 | 1.323/33.60 |                            |
| 46992-2010     | X | 20       | 1.70 / 43.2 | 1.488/37.80 |                            |
| 46992-2210     | X | 22       | 1.87 / 47.4 | 1.654/42.00 |                            |
| 46992-2410     |   | 24       | 2.03 / 51.6 | 1.819/46.20 |                            |
|                |   |          |             |             |                            |
| 46992-0220     |   | 02       | .21/5.40    | --          | 250RS<br>RED (V0)          |
| 46992-0420     |   | 04       | .38/9.60    | .165/4.20   |                            |
| 46992-0620     |   | 06       | .54/13.8    | .331/8.40   |                            |
| 46992-0820     |   | 08       | .71/18.0    | .496/12.60  |                            |
| 46992-1020     |   | 10       | .87/22.2    | .661/16.8   |                            |
| 46992-1220     |   | 12       | 1.04/26.4   | .827/21.00  |                            |
|                |   |          |             |             |                            |
| 46992-0230     |   | 02       | .21/5.40    | --          | 250GS<br>GREEN (V0)        |
| 46992-0430     |   | 04       | .38/9.60    | .165/4.20   |                            |
| 46992-0630     |   | 06       | .54/13.8    | .331/8.40   |                            |
| 46992-0830     |   | 08       | .71/18.0    | .496/12.60  |                            |
| 46992-1030     |   | 10       | .87/22.2    | .661/16.8   |                            |
| 46992-1230     |   | 12       | 1.04/26.4   | .827/21.00  |                            |
| X = NOT TOOLED |   |          |             |             |                            |

|                                                                                                                                               |    |       |       |                                                                                       |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          |                |              |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|-------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|--|------------------|---------------------------------------------------------------------------------------|--------|-----------------|-----------|----------|----------------|--------------|--------|
| 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:                                                                     |                                                                                                             |  |  | <div>molex</div> |                                                                                       |        |                 |           |          |                |              |        |
| mm                                                                                                                                            |    | NTS   |       |                                                                                       |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          |                |              |        |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |    |       |       |                                                                                       |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          |                |              |        |
|                                                                                                                                               | MM | INCH  |       |                                                                                       |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          |                |              |        |
| 4 PLACES                                                                                                                                      |    | ±     |       | ±                                                                                     | EC NO: 719028<br>DRWN: JERRYW8<br>CHK'D: XQZHANG<br>APPR: XQZHANG<br>2022/08/23<br>2022/09/01<br>2022/09/01 |  |  |                  | MINIFIT JR<br>RECEPTACLE HOUSING DUAL ROW, 2-24 CKT                                   |        |                 |           |          |                |              |        |
| 3 PLACES                                                                                                                                      |    | ±     |       | ±                                                                                     |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          | 0.01           |              |        |
| 2 PLACES                                                                                                                                      |    | ±     | 0.25  | ±                                                                                     |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          | 0.015          |              |        |
| 1 PLACE                                                                                                                                       |    | ±     | 0.38  | ±                                                                                     |                                                                                                             |  |  |                  |                                                                                       |        |                 |           |          |                |              |        |
| 0 PLACES                                                                                                                                      |    | ±     |       | ±                                                                                     | INITIAL REVISION:<br>DRWN: NNGUYEN<br>APPR: FSMITH<br>2013/04/12<br>2014/05/16                              |  |  |                  | DOCUMENT NUMBER                                                                       |        | DOC TYPE        | DOC PART  | REVISION |                |              |        |
| ANGULAR TOL                                                                                                                                   |    | ±     | 3.0 ° | SD-46992-0000                                                                         |                                                                                                             |  |  |                  | PSD                                                                                   | 000    | A9              |           |          |                |              |        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |    |       |       | THIRD ANGLE PROJECTION                                                                |                                                                                                             |  |  |                  | DRAWING                                                                               | SERIES | MATERIAL NUMBER |           | CUSTOMER |                | SHEET NUMBER |        |
|                                                                                                                                               |    |       |       |  |                                                                                                             |  |  |                  |  | C-SIZE | 46992           | SEE TABLE |          | GENERAL MARKET |              | 2 OF 2 |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/09/01 | 16:35:18 |
|-----------------|----|--------------|------------|----------|