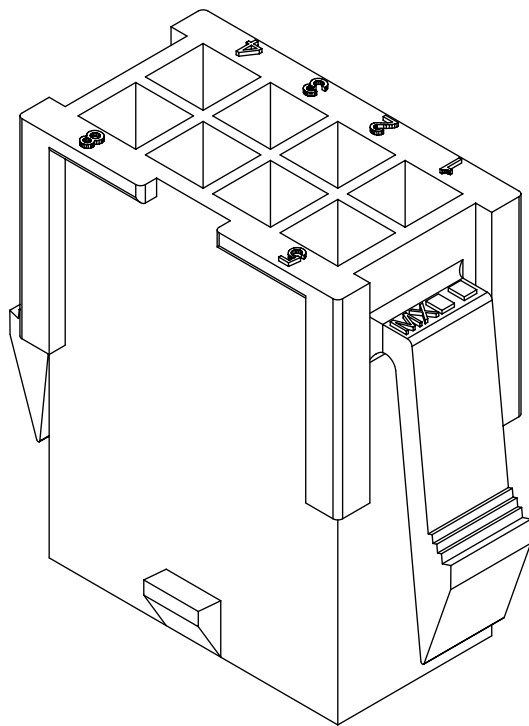
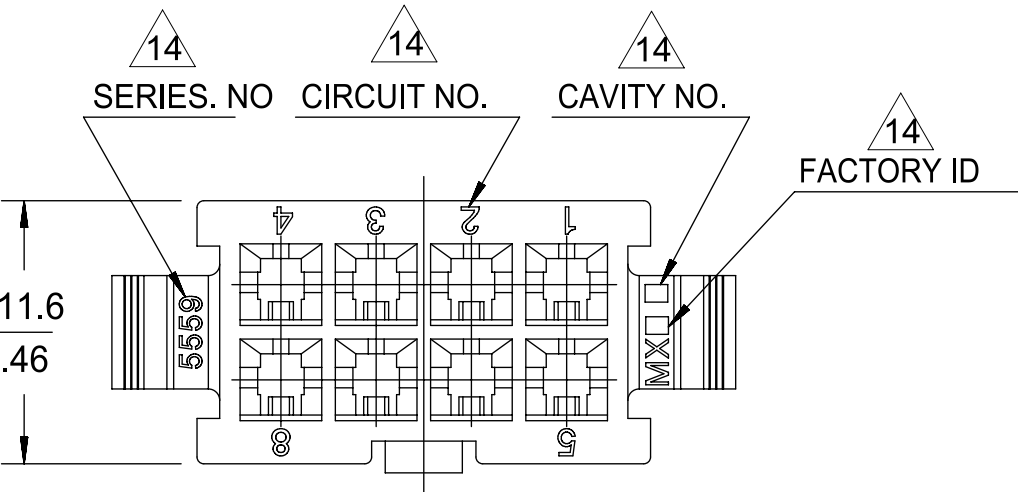
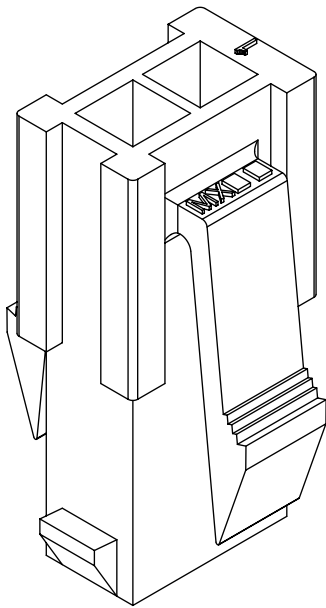


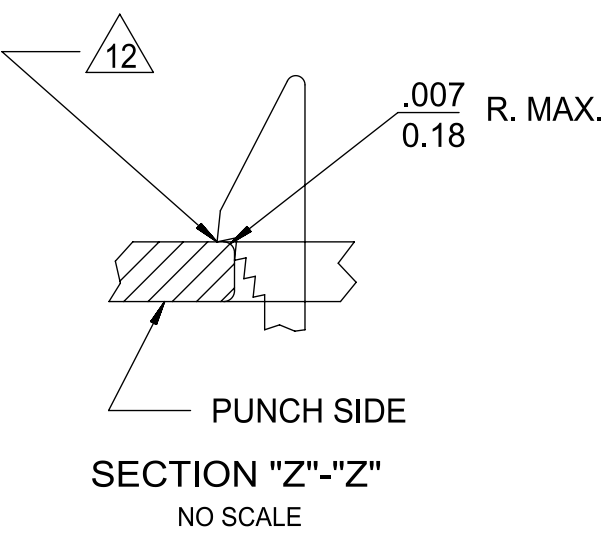
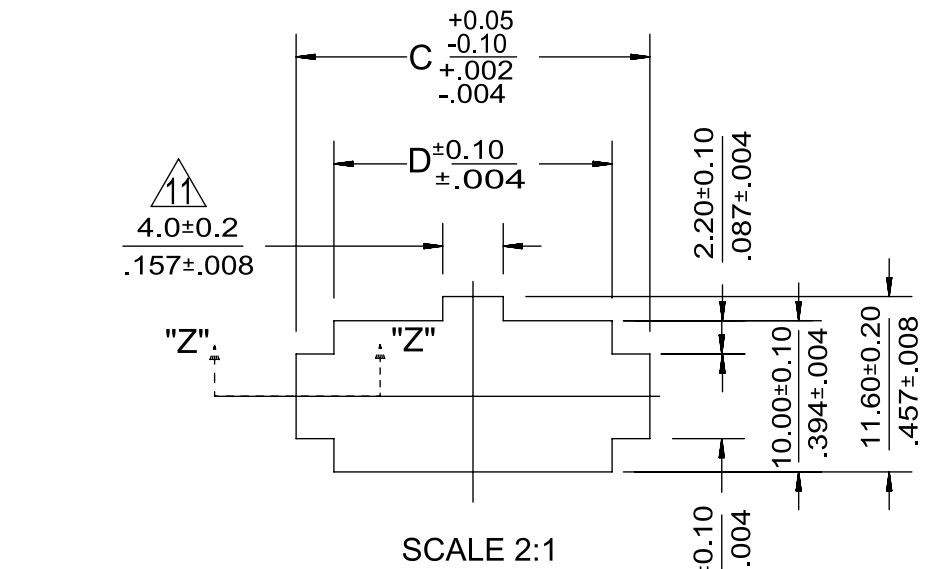
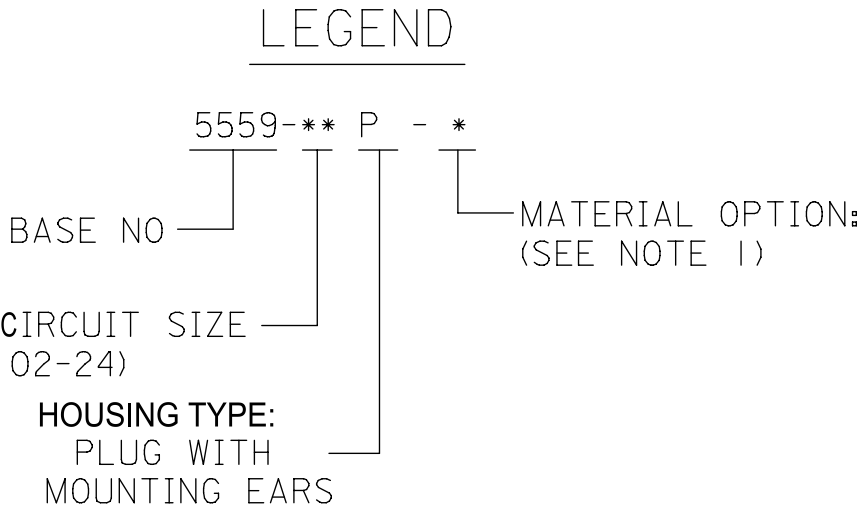
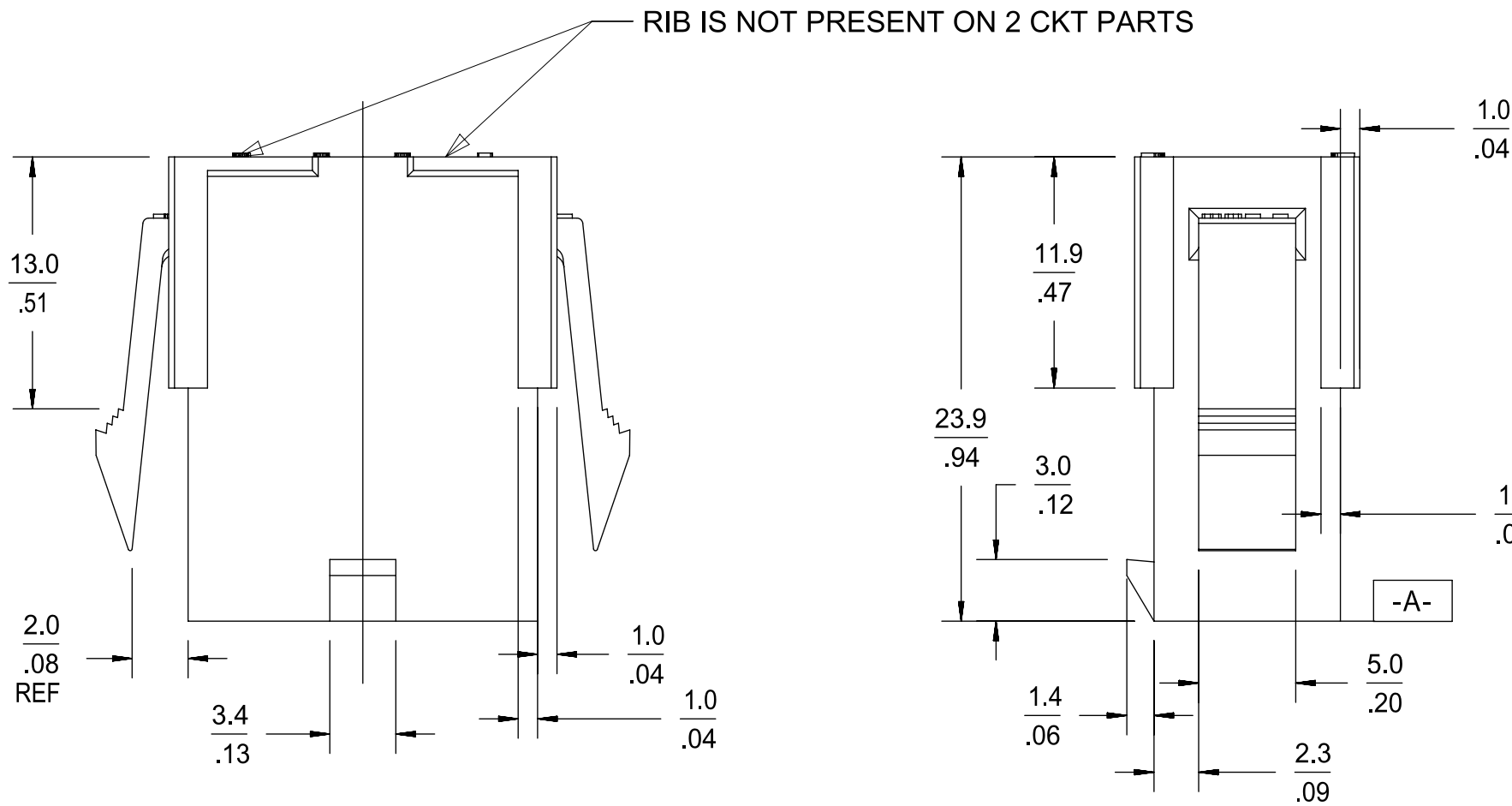


8 CKT SHOWN



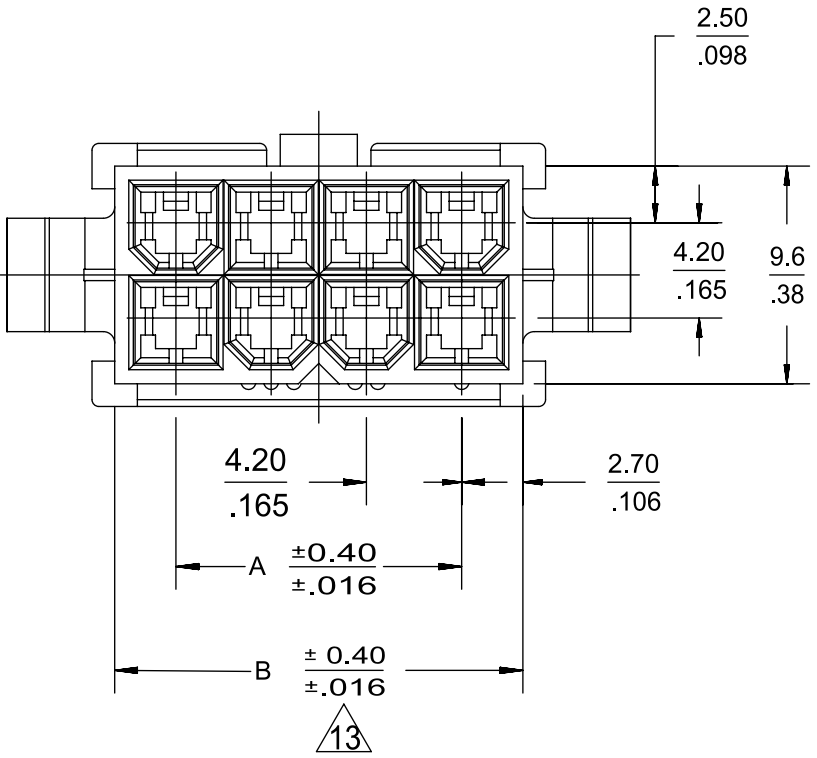
2 CKT SHOWN

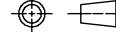
- NOTES:
- MATERIAL:  
"BLANK" = NYLON 6/6, 94V-2, COLOR: NATURAL.  
"BL" = NYLON 6/6, 94V-2, COLOR: BLACK.  
"BU" = NYLON 6/6, 94V-2, COLOR: BLUE.  
"RE" = NYLON 6/6, 94V-2, COLOR: RED.  
"210" = NYLON 6/6, 94V-0, COLOR: NATURAL.  
"400" = NYLON 6/6, 94V-0, COLOR: BLACK.
  - FINISH: NOT APPLICABLE
  - PRODUCT SPECIFICATION: PS-5556-001
  - PACKAGING: BULK
  - PART MATES WITH MOLEX RECEPTACLE #5557.
  - PART TO BE USED WITH MOLEX MALE TERMINAL #5558.
  - PART IS NOT DESIGNED FOR CURRENT SHARING.
  - CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
  - WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
  - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.
  - ON 2 CIRCUITS PARTS THIS DIMENSION IS ALLOWABLE UP TO "D" DIMENSION.
  - PANEL HOLE TO BE PUNCHED OUT IN THE SAME DIRECTION AS INSERTION INTO THE PANEL.
  - TO BE MEASURED AT SURFACE -A-
  - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

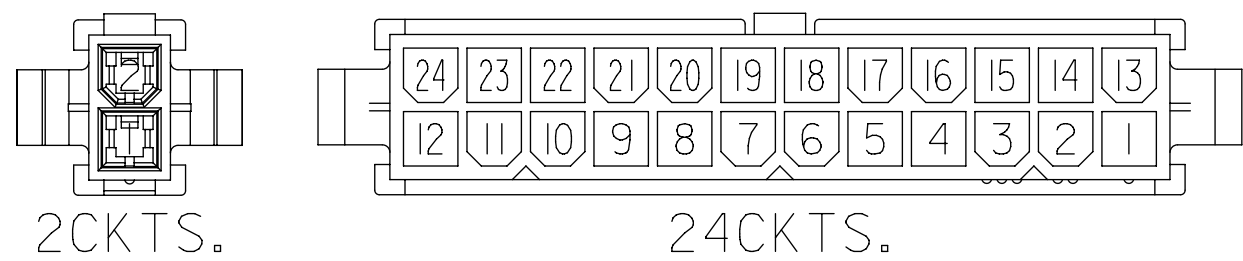
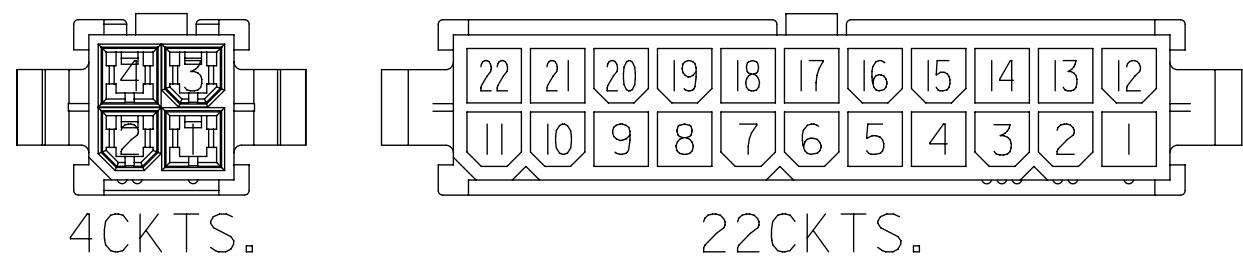
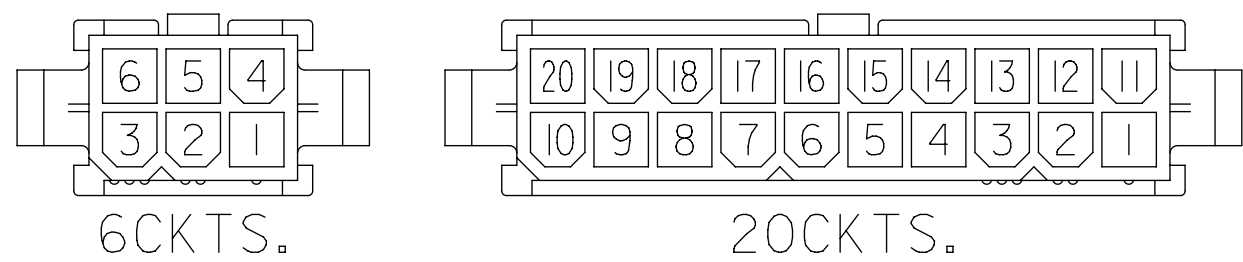
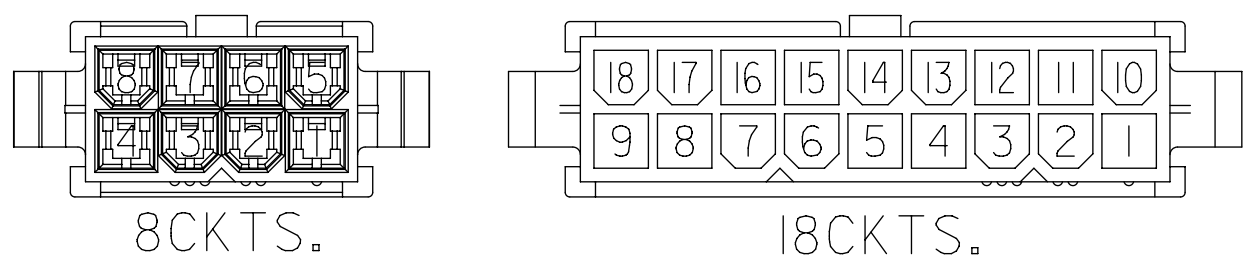
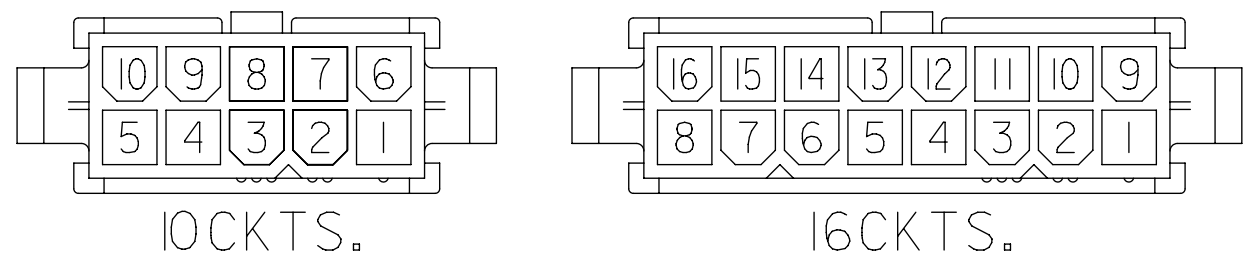
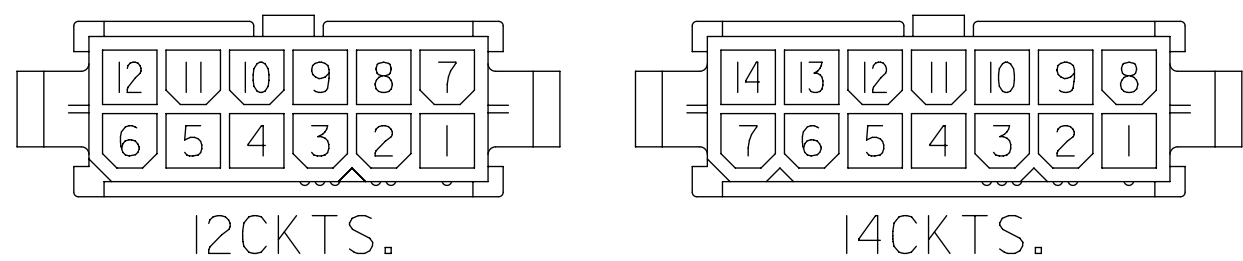


RECOMMENDED PANEL HOLE DIMENSIONS  
(THICKNESS : 0.8-2.0/.032-.079)

|            |            |            |            |         |
|------------|------------|------------|------------|---------|
| 52.1/2.051 | 57.0/2.244 | 51.6/2.031 | 46.2/1.819 | 24      |
| 47.9/1.886 | 52.8/2.079 | 47.4/1.866 | 42.0/1.654 | 22      |
| 43.7/1.720 | 48.6/1.913 | 43.2/1.701 | 37.8/1.488 | 20      |
| 39.5/1.555 | 44.4/1.748 | 39.0/1.535 | 33.6/1.323 | 18      |
| 35.3/1.390 | 40.2/1.583 | 34.8/1.370 | 29.4/1.158 | 16      |
| 31.1/1.224 | 36.0/1.417 | 30.6/1.205 | 25.2/.992  | 14      |
| 26.8/1.055 | 31.8/1.252 | 26.4/1.039 | 21.0/.827  | 12      |
| 22.6/.890  | 27.6/1.087 | 22.2/.874  | 16.8/.661  | 10      |
| 18.4/.724  | 23.4/.921  | 18.0/.709  | 12.6/.496  | 8       |
| 14.2/.559  | 19.2/.756  | 13.8/.543  | 8.4/.331   | 6       |
| 10.0/.394  | 15.0/.591  | 9.6/.378   | 4.2/.165   | 4       |
| 5.8/.228   | 10.8/.425  | 5.4/.213   | —          | 2       |
| D          | C          | B          | A          | CIRCUIT |



| QUALITY SYMBOLS                                                                                                                             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                       |                                        |                                                            |    |      |                 |         |                        |  |                                                                                                 |  |                                                                                                                                                                                                                               |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------|----|------|-----------------|---------|------------------------|--|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| <div><div>▽ = 0</div><div>▽ = 0</div><div>▽ = 0</div><div>▼ = 0</div><div>▽ = 0</div><div>☒ = 0</div><div>■ = 0</div><div>▽ = 0</div></div> | CONVERT TO NX                                                                                                                                 | EC NO: 105852<br>DRWN: CSLAFTER<br>CHK'D: JBELL<br>REV / APPR: FSMITH | 2016/06/16<br>2016/06/16<br>2016/06/27 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |    |      | DIMENSION UNITS |         | SCALE                  |  | <div><div>molex®</div><div>MINI. FIT JR DUAL ROW<br/>2-24CKT PLUG HOUSING WITH EARS</div></div> |  |                                                                                                                                                                                                                               |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        |                                                            | MM | INCH | MM/IN           |         | 3:1                    |  |                                                                                                 |  |                                                                                                                                                                                                                               |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | 4 PLACES                                                   |    |      | ±               | ±       | DRWN BY                |  | DATE                                                                                            |  | <div><div>PRODUCT CUSTOMER DRAWING</div><div>SERIES MATERIAL NUMBER CUSTOMER</div><div>5559 SEE CHART GENERAL MARKET</div><div>DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER</div><div>SD-5559-NP PSD 000 1 OF 2</div></div> |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | 3 PLACES                                                   |    |      | ±               | ± 0.012 | H.HIRAMOTO             |  | 1998/10/14                                                                                      |  |                                                                                                                                                                                                                               |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | 2 PLACES                                                   |    |      | ± 0.3           | ± 0.016 | CHK'D BY               |  | DATE                                                                                            |  |                                                                                                                                                                                                                               |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | 1 PLACES                                                   |    |      | ± 0.4           | ±       | Y.YAMADA               |  | 1988/10/21                                                                                      |  |                                                                                                                                                                                                                               |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | 0 PLACES                                                   |    |      | ±               | ±       | APPR BY                |  | DATE                                                                                            |  | <div><div>C</div><div></div></div>                                                                                                       |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | ANGULAR TOL ± 3.0                                          |    |      | DRAWING SIZE    |         | THIRD ANGLE PROJECTION |  |                                                                                                 |  |                                                                                                                                                                                                                               |  |  |  |  |
|                                                                                                                                             |                                                                                                                                               |                                                                       |                                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |    |      | C               |         |                        |  |                                                                                                 |  |                                                                                                                                                                                                                               |  |  |  |  |



CIRCUIT SIZE LAYOUT ( SCALE : 2-1 )

| V-2<br>BLACK |             |         | V-0<br>BLACK |              |         |                |              |         |                |          |         |
|--------------|-------------|---------|--------------|--------------|---------|----------------|--------------|---------|----------------|----------|---------|
| 46999-0157   | 5559-24P-BL | 24      | 46999-0304   | 5559-24P-400 | 24      |                |              |         |                |          |         |
|              |             | 22      | 46999-0303   | 5559-22P-400 | 22      |                |              |         |                |          |         |
| 39-02-8205   | 5559-20P-BL | 20      | 46999-0302   | 5559-20P-400 | 20      |                |              |         |                |          |         |
|              |             | 18      | 46999-0301   | 5559-18P-400 | 18      |                |              |         |                |          |         |
|              |             | 16      | 46999-0300   | 5559-16P-400 | 16      |                |              |         |                |          |         |
|              |             | 14      | 46999-0299   | 5559-14P-400 | 14      |                |              |         |                |          |         |
|              |             | 2       | 46999-0298   | 5559-12P-400 | 2       |                |              |         |                |          |         |
|              |             | 10      | 46999-0297   | 5559-10P-400 | 10      |                |              |         |                |          |         |
|              |             | 8       | 46999-0296   | 5559-08P-400 | 8       |                |              |         |                |          |         |
| 39-02-8065   | 5559-06P-BL | 6       | 46999-0295   | 5559-06P-400 | 6       |                |              |         |                |          |         |
| 39-02-8045   | 5559-04P-BL | 4       | 46999-0294   | 5559-04P-400 | 4       |                |              |         |                |          |         |
|              |             | 2       | 46999-0293   | 5559-02P-400 | 2       |                |              |         |                |          |         |
| EDP NO.      | ENG. NO.    | CIRCUIT | EDP NO.      | ENG. NO.     | CIRCUIT |                |              |         |                |          |         |
| V-2<br>BLUE  |             |         | V-2<br>RED   |              |         | V-0<br>NATURAL |              |         | V-2<br>NATURAL |          |         |
|              |             | 24      |              |              | 24      | 39-01-2246     | 5559-24P-210 | 24      | 39-01-2241     | 5559-24P | 24      |
|              |             | 22      |              |              | 22      | ▲-2226         | ▲-22P-210    | 22      | ▲-2221         | ▲-22P    | 22      |
|              |             | 20      |              |              | 20      | -2206          | -20P-210     | 20      | -2201          | -20P     | 20      |
|              |             | 18      |              |              | 18      | -2186          | -18P-210     | 18      | -2181          | -18P     | 18      |
|              |             | 16      |              |              | 16      | -2166          | -16P-210     | 16      | -2161          | -16P     | 16      |
|              |             | 14      |              |              | 14      | -2146          | -14P-210     | 14      | -2141          | -14P     | 14      |
|              |             | 2       |              |              | 12      | -2126          | -12P-210     | 2       | -2121          | -12P     | 12      |
|              |             | 10      |              |              | 10      | -2106          | -10P-210     | 10      | -2101          | -10P     | 10      |
|              |             | 8       |              |              | 8       | -2086          | -08P-210     | 8       | -2081          | -08P     | 8       |
|              |             | 6       | 39-02-8067   | 5559-06P-RE  | 6       | -2066          | -06P-210     | 6       | -2061          | -06P     | 6       |
| 39-02-8046   | 5559-04P-BU | 4       |              |              | 4       | ▼-2046         | ▼-04P-210    | 4       | ▼-2041         | ▼-04P    | 4       |
|              |             | 2       |              |              | 2       | 39-01-2026     | 5559-02P-210 | 2       | 39-01-2021     | 5559-02P | 2       |
| EDP NO.      | ENG. NO.    | CIRCUIT | EDP NO.      | ENG. NO.     | CIRCUIT | EDP NO.        | ENG. NO.     | CIRCUIT | EDP NO.        | ENG. NO. | CIRCUIT |

|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  |                                        |  |                                          |  |                                                            |  |                      |  |                                                                                                 |  |                               |  |                 |  |                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|--|------------------------------------------|--|------------------------------------------------------------|--|----------------------|--|-------------------------------------------------------------------------------------------------|--|-------------------------------|--|-----------------|--|-----------------|--|
| QUALITY SYMBOLS                                                                                                                                                                                                                                                                                                                                                                                     |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                        |  |                                          |  |                                                            |  |                      |  |                                                                                                 |  |                               |  |                 |  |                 |  |
| <div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div><div><div><div></div></div><div>= 0</div></div></div> |  | CONVERT TO NX<br>EC NO: 105852<br>DRWN: CSLAFTER<br>CHK'D: JBELL<br>REV APPR: FSMITH                                                          |  | 2016/06/16<br>2016/06/16<br>2016/06/27 |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  | DIMENSION UNITS<br>MM/IN                                   |  | SCALE<br>3:1         |  | <div><div>molex®</div><div>MINI. FIT JR DUAL ROW<br/>2-24CKT PLUG HOUSING WITH EARS</div></div> |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | MM                                     |  | INCH                                     |  | DRWN BY<br>H.HIRAMOTO                                      |  | DATE<br>1998/10/14   |  |                                                                                                 |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | 4 PLACES                               |  | ±                                        |  | ±                                                          |  | CHK'D BY<br>Y.YAMADA |  | DATE<br>1988/10/21                                                                              |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | 3 PLACES                               |  | ±                                        |  | ± 0.012                                                    |  |                      |  |                                                                                                 |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | 2 PLACES                               |  | ± 0.3                                    |  | ± 0.016                                                    |  | APPR BY<br>M.ENOMOTO |  | DATE<br>1988/10/24                                                                              |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | 1 PLACES                               |  | ± 0.4                                    |  | ±                                                          |  |                      |  |                                                                                                 |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | 0 PLACES                               |  | ±                                        |  | ±                                                          |  | DRAWING SIZE<br>C    |  | THIRD ANGLE PROJECTION                                                                          |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  |                                        |  |                                          |  | ANGULAR TOL ± 3.0                                          |  |                      |  |                                                                                                 |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  |                                        |  |                                          |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |                      |  |                                                                                                 |  |                               |  |                 |  |                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                               |  | J7                                     |  | REV                                      |  |                                                            |  |                      |  |                                                                                                 |  | DOCUMENT NUMBER<br>SD-5559-NP |  | DOC TYPE<br>PSD |  | DOC PART<br>000 |  |