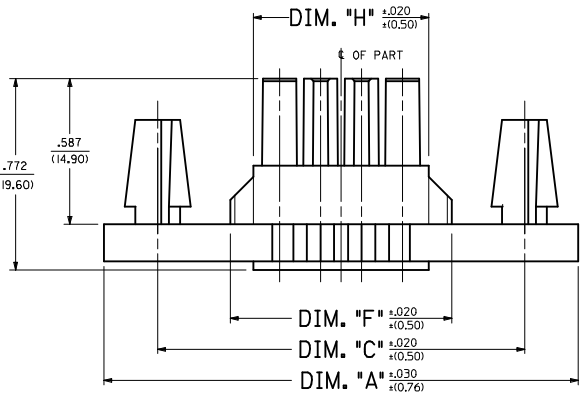
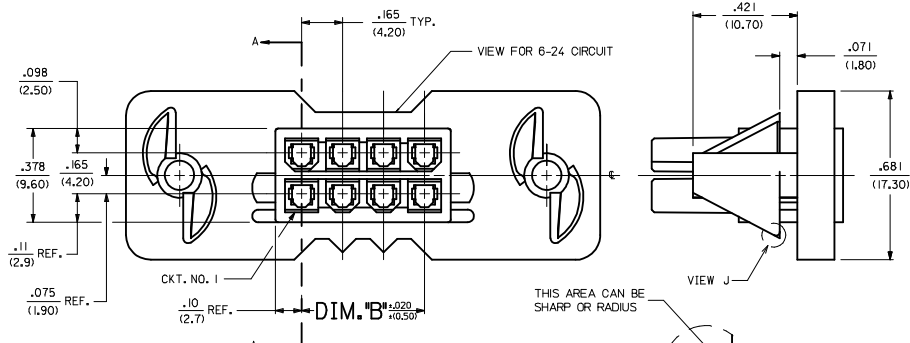
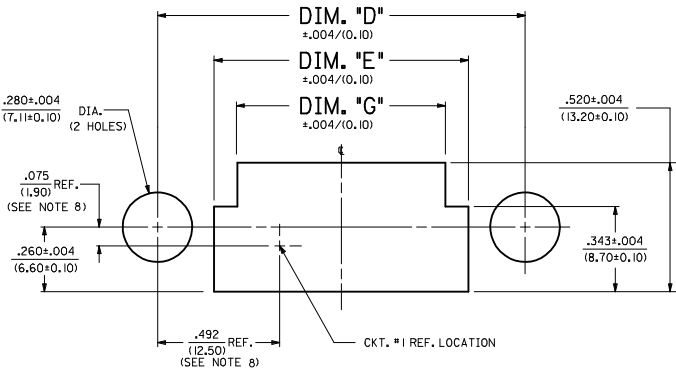


SECTION "A-A"  
TERMINAL ORIENTATION



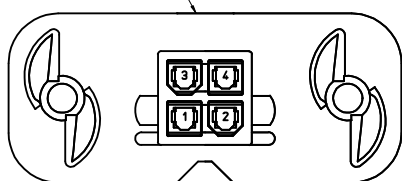
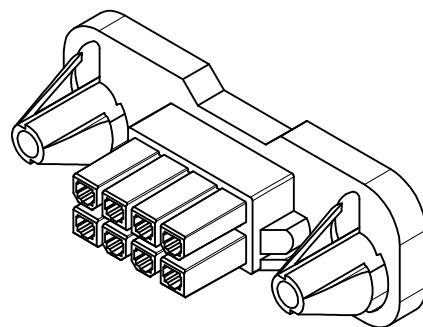
2-8 & 12-24 CIRCUIT HEADER  
(SEE SHEET 2 FOR 10 CIRCUIT HEADER DESIGN)



RECOMMENDED PANEL CUT-OUT FOR .050±0.12/(1.27±0.30) THICK PANEL  
(SEE NOTE 10)

LEGEND:  
42474 - \*\* \* I  
BASE NUMBER  
CIRCUIT SIZE (02-24)  
MATERIAL (SEE NOTE 1.)

VIEW FOR 2 AND 4 CIRCUIT  
NOTCH REMOVED

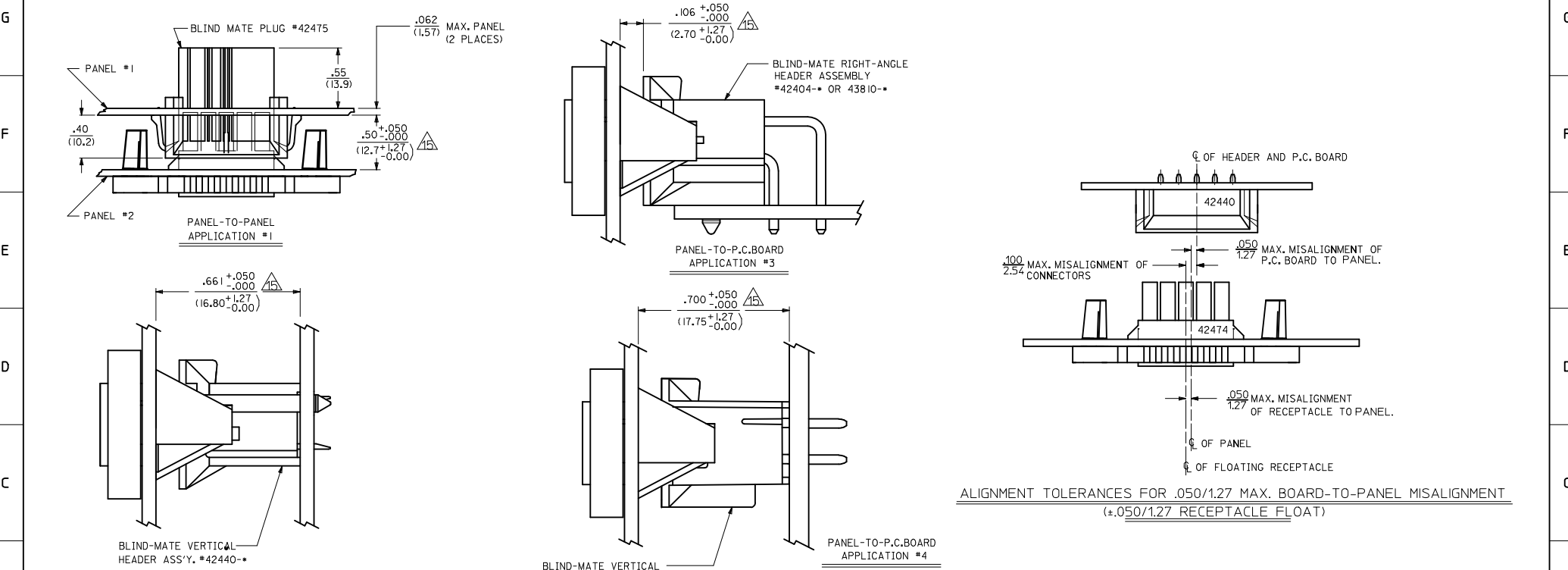


| CKT. SIZE | DIM. "A"         | DIM. "B"         | DIM. "C"         | DIM. "D"         | DIM. "E"         | DIM. "F"         | DIM. "G"         | DIM. "H"         |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2         | 1.417<br>(36.00) | N/A              | .984<br>(25.00)  | .984<br>(25.00)  | .528<br>(13.40)  | .398<br>(10.10)  | .343<br>(8.70)   | .213<br>(5.40)   |
| 4         | 1.583<br>(40.20) | .165<br>(4.20)   | 1.150<br>(29.20) | 1.150<br>(29.20) | .693<br>(17.60)  | .563<br>(14.30)  | .508<br>(12.90)  | .378<br>(9.60)   |
| 6         | 1.748<br>(44.40) | .331<br>(8.40)   | 1.315<br>(33.40) | 1.315<br>(33.40) | .898<br>(22.80)  | .728<br>(18.50)  | .673<br>(17.10)  | .543<br>(13.80)  |
| 8         | 1.913<br>(48.60) | .496<br>(12.60)  | 1.480<br>(37.60) | 1.480<br>(37.60) | 1.024<br>(26.00) | .894<br>(22.70)  | .839<br>(21.30)  | .709<br>(18.00)  |
| 10        | 2.078<br>(52.80) | .661<br>(16.80)  | 1.645<br>(41.80) | 1.645<br>(41.80) | 1.189<br>(30.20) | 1.069<br>(26.90) | 1.004<br>(25.50) | .874<br>(22.20)  |
| 12        | 2.244<br>(57.00) | .827<br>(21.00)  | 1.811<br>(46.00) | 1.811<br>(46.00) | 1.354<br>(34.40) | 1.224<br>(31.10) | 1.169<br>(29.70) | 1.039<br>(26.40) |
| 14        | 2.409<br>(61.20) | .992<br>(25.20)  | 1.976<br>(50.20) | 1.976<br>(50.20) | 1.520<br>(38.60) | 1.390<br>(35.30) | 1.335<br>(33.90) | 1.205<br>(30.60) |
| 16        | 2.575<br>(65.40) | 1.157<br>(29.40) | 2.142<br>(54.40) | 2.142<br>(54.40) | 1.685<br>(42.80) | 1.555<br>(39.50) | 1.500<br>(38.10) | 1.370<br>(34.80) |
| 18        | 2.740<br>(69.60) | 1.323<br>(33.60) | 2.307<br>(58.60) | 2.307<br>(58.60) | 1.850<br>(47.00) | 1.720<br>(43.70) | 1.665<br>(42.30) | 1.535<br>(39.00) |
| 20        | 2.906<br>(73.80) | 1.488<br>(37.80) | 2.472<br>(62.80) | 2.472<br>(62.80) | 2.016<br>(51.20) | 1.886<br>(47.90) | 1.831<br>(46.50) | 1.701<br>(43.20) |
| 22        | 3.071<br>(78.00) | 1.653<br>(42.00) | 2.638<br>(67.00) | 2.638<br>(67.00) | 2.181<br>(55.40) | 2.051<br>(52.10) | 1.996<br>(50.70) | 1.866<br>(47.40) |
| 24        | 3.236<br>(82.20) | 1.819<br>(46.20) | 2.803<br>(71.20) | 2.803<br>(71.20) | 2.346<br>(59.60) | 2.217<br>(56.30) | 2.161<br>(54.90) | 2.031<br>(51.60) |

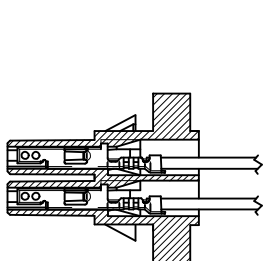
- NOTES:
- MATERIAL:  
\*1 = NYLON UNFILLED 94V-2, COLOR: NATURAL (WHITE)  
\*2 = NYLON UNFILLED 94V-0, COLOR: NATURAL (WHITE)  
\*3 = NYLON UNFILLED 94V-2, COLOR: BLACK  
\*4 = NYLON UNFILLED 94V-0, COLOR: BLACK.
  - FINISH: NOT APPLICABLE.
  - PRODUCT SPECIFICATION: PS-5556-002
  - PACKAGING: PK-42474-001
  - PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 43810, 44068 & 43819.
  - PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, 44476, 45750, OR 46018.
  - THIS CONNECTOR ALLOWS FOR .050/(1.27) MAX. MISALIGNMENT IN ANY DIRECTION.
  - THIS DIMENSION IS TO BE USED FOR ALIGNMENT OF THE MATING CONNECTOR.
  - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
  - THIS PART IS INTENDED FOR ONE PANEL INSERTION ONLY. REMOVAL AND RE-INSERTION CAN DAMAGE THE MOUNTING SPIRALS.
  - PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION.
  - BOTH SPIRALS SHOULD BE INSERTED INTO THE PANEL AT THE SAME TIME. ROCKING THE PART INTO PLACE MAY CAUSE SPIRAL DAMAGE.
  - THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
  - IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE MUST BE ADDED.  
REFER TO TECHNICAL ADVISORY AS-45499-001 FOR INSTRUCTIONS.
  - USING 5556 OR 44476 TERMINALS:  
A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT.  
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR 4 POINTS OF CONTACT.
  - USING 45750 OR 46018 TERMINALS:  
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR FULL CONTACT ENGAGEMENT.
  - 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.

|                                                                                                                                                |                                      |                                                                                               |  |                          |  |                     |                        |                                                                                                                               |  |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------|--|--------------------------|--|---------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|
| ADD 8CKT P/N<br>EC NO: UCP2017-2380<br>DRAWN: BAPPELOORN<br>2017/04/28<br>CHKD: J.BELL<br>2017/04/28<br>APPROV: F.S.M. TH<br>2017/05/05<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                         |  | DIMENSION STYLE<br>IN/MM |  | SCALE<br>1:1        | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION                                                                                                        |  |
|                                                                                                                                                |                                      | mm INCH                                                                                       |  | DRAWN BY<br>GEP          |  | DATE<br>1989/08/24  |                        | TITLE<br>PANEL-MOUNT RECEPTACLE<br>BLIND MATE<br>MINI-FIT JR. SERIES                                                          |  |
|                                                                                                                                                |                                      | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .015<br>2 PLACES ± 0.38 ± ---<br>1 PLACE ± --- ± --- |  | CHECKED BY<br>R.J.F.     |  | DATE<br>1989/08/24  |                        | MOLEX INCORPORATED                                                                                                            |  |
|                                                                                                                                                |                                      | ANGULAR ±1/2°                                                                                 |  | APPROVED BY<br>RAS       |  | DATE<br>1989/08/24  |                        | MATERIAL NO.<br>SD-42474-****                                                                                                 |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                     |                                      | SEE SHEET 2                                                                                   |  | SHEET NO.<br>1 OF 2      |  | SHEET NO.<br>1 OF 2 |                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |

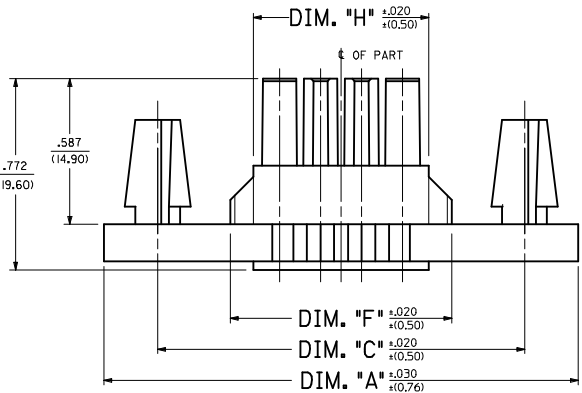
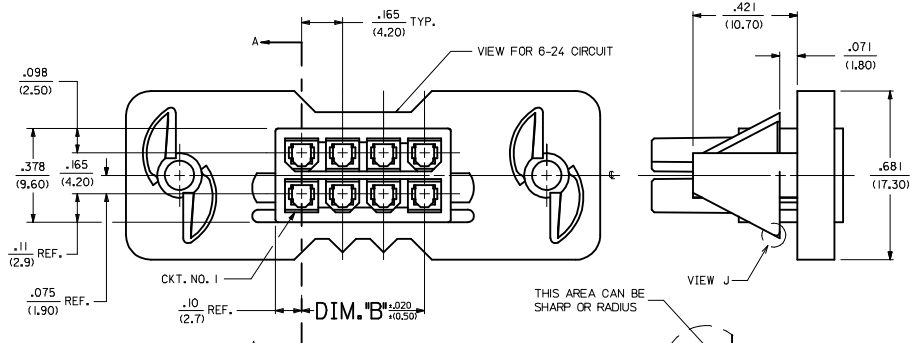
| 13             |            | 12             |    | 11           |            | 10                        |            | 9              |            | 8              |       | 7            |            | 6                         |       | 5              |   | 4            |            | 3                         |       | 2              |  | 1            |  |                           |  |
|----------------|------------|----------------|----|--------------|------------|---------------------------|------------|----------------|------------|----------------|-------|--------------|------------|---------------------------|-------|----------------|---|--------------|------------|---------------------------|-------|----------------|--|--------------|--|---------------------------|--|
| PART<br>NUMBER |            | ENG.<br>NUMBER |    | CKT.<br>SIZE |            | MATERIAL<br>(SEE NOTE 1.) |            | PART<br>NUMBER |            | ENG.<br>NUMBER |       | CKT.<br>SIZE |            | MATERIAL<br>(SEE NOTE 1.) |       | ITEM<br>NUMBER |   | CKT.<br>SIZE |            | MATERIAL<br>(SEE NOTE 1.) |       | ITEM<br>NUMBER |  | CKT.<br>SIZE |  | MATERIAL<br>(SEE NOTE 1.) |  |
| J              | NOT TOOLED | 42474-0211     | 2  | 94V-2        |            | NOT TOOLED                | 42474-0221 | 2              | 94V-0      | NOT TOOLED     | 2     | 94V-2        | NOT TOOLED | 2                         | 94V-0 | NOT TOOLED     | 2 | 94V-2        | NOT TOOLED | 2                         | 94V-0 |                |  |              |  |                           |  |
|                | I5-06-0040 | 42474-0411     | 4  | 94V-2        |            | I5-06-0041                | 42474-0421 | 4              | 94V-0      | 42474-0431     | 4     | 94V-2        | 42474-0441 | 4                         | 94V-0 |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | I5-06-0060 | 42474-0611     | 6  | 94V-2        |            | I5-06-0061                | 42474-0621 | 6              | 94V-0      | 42474-0631     | 6     | 94V-2        | 42474-0641 | 6                         | 94V-0 |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | I5-06-0080 | 42474-0811     | 8  | 94V-2        |            | I5-06-0081                | 42474-0821 | 8              | 94V-0      | 42474-0831     | 8     | 94V-2        | 42474-0841 | 8                         | 94V-0 |                |   |              |            |                           |       |                |  |              |  |                           |  |
| I              | I5-06-0100 | 42474-1011     | 10 | 94V-2        | I5-06-0101 | 42474-1021                | 10         | 94V-0          | 42474-1031 | 10             | 94V-2 | 42474-1041   | 10         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | NOT TOOLED | 42474-1211     | 12 | 94V-2        | NOT TOOLED | 42474-1221                | 12         | 94V-0          | NOT TOOLED | 12             | 94V-2 | NOT TOOLED   | 12         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | I5-06-0140 | 42474-1411     | 14 | 94V-2        | I5-06-0141 | 42474-1421                | 14         | 94V-0          | 42474-1431 | 14             | 94V-2 | 42474-1441   | 14         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | NOT TOOLED | 42474-1611     | 16 | 94V-2        | NOT TOOLED | 42474-1621                | 16         | 94V-0          | NOT TOOLED | 16             | 94V-2 | NOT TOOLED   | 16         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
| H              | I5-06-0180 | 42474-1811     | 18 | 94V-2        | I5-06-0181 | 42474-1821                | 18         | 94V-0          | 42474-1831 | 18             | 94V-2 | 42474-1841   | 18         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | NOT TOOLED | 42474-2011     | 20 | 94V-2        | NOT TOOLED | 42474-2021                | 20         | 94V-0          | NOT TOOLED | 20             | 94V-2 | NOT TOOLED   | 20         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | NOT TOOLED | 42474-2211     | 22 | 94V-2        | NOT TOOLED | 42474-2221                | 22         | 94V-0          | NOT TOOLED | 22             | 94V-2 | NOT TOOLED   | 22         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |
|                | I5-06-0240 | 42474-2411     | 24 | 94V-2        | I5-06-0241 | 42474-2421                | 24         | 94V-0          | 42474-2431 | 24             | 94V-2 | 42474-2441   | 24         | 94V-0                     |       |                |   |              |            |                           |       |                |  |              |  |                           |  |



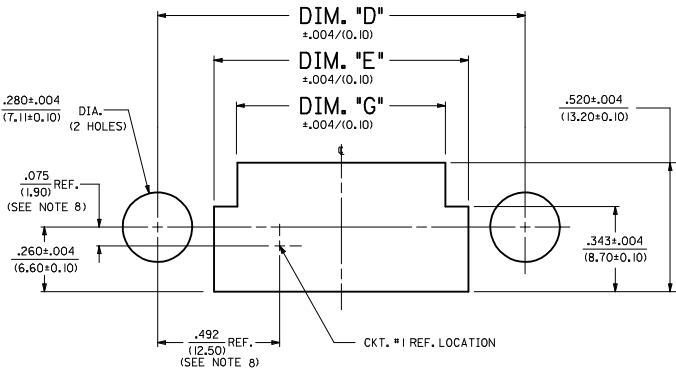
|                     |  |                  |  |                                                      |  |                 |  |                                                                                                                               |  |               |  |                        |  |
|---------------------|--|------------------|--|------------------------------------------------------|--|-----------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|---------------|--|------------------------|--|
| SEE SHEET 1         |  | QUALITY SYMBOLS  |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE |  | SCALE                                                                                                                         |  | DESIGN UNITS  |  | THIRD ANGLE PROJECTION |  |
| EC NO: UCP2017-2380 |  | DRAWN: APPELDORN |  | mm                                                   |  | IN/MM           |  | 1:1                                                                                                                           |  | METRIC        |  | TITLE                  |  |
| 2017/04/28          |  | 2017/04/28       |  | 4 PLACES ± ---                                       |  | DATE            |  | DRAWN BY                                                                                                                      |  | DATE          |  | PANEL-MOUNT RECEPTACLE |  |
| CHKD: J.BELL        |  | 2017/04/28       |  | 3 PLACES ± ---                                       |  | 1989/08/24      |  | GEP                                                                                                                           |  | 1989/08/24    |  | BLIND MATE             |  |
| APPR: F.S.MITH      |  | 2017/05/05       |  | 2 PLACES ± 0.38                                      |  | R.J.F.          |  | CHECKED BY                                                                                                                    |  | DATE          |  | MINI-FIT JR. SERIES    |  |
| REV                 |  | DESCRIPTION      |  | 1 PLACE ± ---                                        |  | R.A.S.          |  | APPROVED BY                                                                                                                   |  | DATE          |  | MOLEX INCORPORATED     |  |
| P12                 |  | REV              |  | ANGULAR ± 1/2°                                       |  | MATERIAL NO.    |  | R.A.S.                                                                                                                        |  | 1989/08/24    |  | MOLEX INCORPORATED     |  |
|                     |  |                  |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SEE CHART       |  | DOCUMENT NO.                                                                                                                  |  | SD-42474-**** |  | SHEET NO.              |  |
|                     |  |                  |  |                                                      |  | SIZE            |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |               |  | 2 OF 2                 |  |



SECTION "A-A"  
TERMINAL ORIENTATION



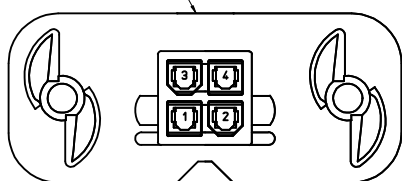
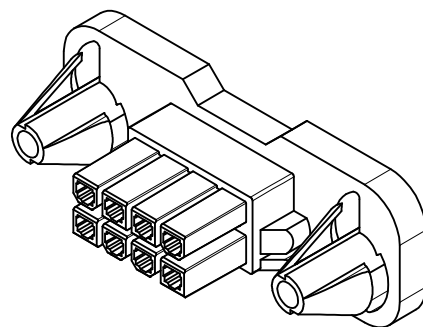
2-8 & 12-24 CIRCUIT HEADER  
(SEE SHEET 2 FOR 10 CIRCUIT HEADER DESIGN)



RECOMMENDED PANEL CUT-OUT FOR .050±0.12/(1.27±0.30) THICK PANEL  
(SEE NOTE 10)

LEGEND:  
42474 - \*\* \* I  
BASE NUMBER  
CIRCUIT SIZE  
(02-24)  
MATERIAL  
(SEE NOTE 1.)

VIEW FOR 2 AND 4 CIRCUIT  
NOTCH REMOVED

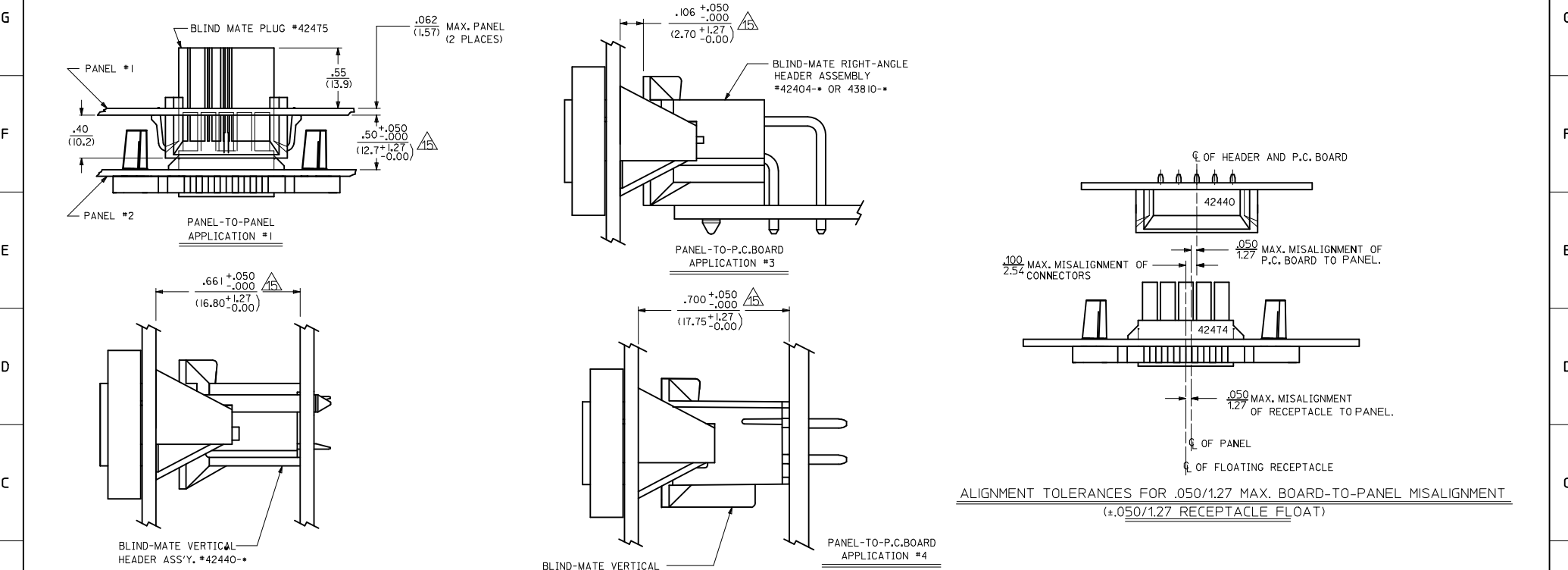


| CKT. SIZE | DIM. "A"         | DIM. "B"         | DIM. "C"         | DIM. "D"         | DIM. "E"         | DIM. "F"         | DIM. "G"         | DIM. "H"         |
|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2         | 1.417<br>(36.00) | N/A              | .984<br>(25.00)  | .984<br>(25.00)  | .528<br>(13.40)  | .398<br>(10.10)  | .343<br>(8.70)   | .213<br>(5.40)   |
| 4         | 1.583<br>(40.20) | .165<br>(4.20)   | 1.150<br>(29.20) | 1.150<br>(29.20) | .693<br>(17.60)  | .563<br>(14.30)  | .508<br>(12.90)  | .378<br>(9.60)   |
| 6         | 1.748<br>(44.40) | .331<br>(8.40)   | 1.315<br>(33.40) | 1.315<br>(33.40) | .898<br>(22.80)  | .728<br>(18.50)  | .673<br>(17.10)  | .543<br>(13.80)  |
| 8         | 1.913<br>(48.60) | .496<br>(12.60)  | 1.480<br>(37.60) | 1.480<br>(37.60) | 1.024<br>(26.00) | .894<br>(22.70)  | .839<br>(21.30)  | .709<br>(18.00)  |
| 10        | 2.078<br>(52.80) | .661<br>(16.80)  | 1.645<br>(41.80) | 1.645<br>(41.80) | 1.189<br>(30.20) | 1.069<br>(26.90) | 1.004<br>(25.50) | .874<br>(22.20)  |
| 12        | 2.244<br>(57.00) | .827<br>(21.00)  | 1.811<br>(46.00) | 1.811<br>(46.00) | 1.354<br>(34.40) | 1.224<br>(31.10) | 1.169<br>(29.70) | 1.039<br>(26.40) |
| 14        | 2.409<br>(61.20) | .992<br>(25.20)  | 1.976<br>(50.20) | 1.976<br>(50.20) | 1.520<br>(38.60) | 1.390<br>(35.30) | 1.335<br>(33.90) | 1.205<br>(30.60) |
| 16        | 2.575<br>(65.40) | 1.157<br>(29.40) | 2.142<br>(54.40) | 2.142<br>(54.40) | 1.685<br>(42.80) | 1.555<br>(39.50) | 1.500<br>(38.10) | 1.370<br>(34.80) |
| 18        | 2.740<br>(69.60) | 1.323<br>(33.60) | 2.307<br>(58.60) | 2.307<br>(58.60) | 1.850<br>(47.00) | 1.720<br>(43.70) | 1.665<br>(42.30) | 1.535<br>(39.00) |
| 20        | 2.906<br>(73.80) | 1.488<br>(37.80) | 2.472<br>(62.80) | 2.472<br>(62.80) | 2.016<br>(51.20) | 1.886<br>(47.90) | 1.831<br>(46.50) | 1.701<br>(43.20) |
| 22        | 3.071<br>(78.00) | 1.653<br>(42.00) | 2.638<br>(67.00) | 2.638<br>(67.00) | 2.181<br>(55.40) | 2.051<br>(52.10) | 1.996<br>(50.70) | 1.866<br>(47.40) |
| 24        | 3.236<br>(82.20) | 1.819<br>(46.20) | 2.803<br>(71.20) | 2.803<br>(71.20) | 2.346<br>(59.60) | 2.217<br>(56.30) | 2.161<br>(54.90) | 2.031<br>(51.60) |

- NOTES:
- MATERIAL:  
\*1 = NYLON UNFILLED 94V-2, COLOR: NATURAL (WHITE)  
\*2 = NYLON UNFILLED 94V-0, COLOR: NATURAL (WHITE)  
\*3 = NYLON UNFILLED 94V-2, COLOR: BLACK  
\*4 = NYLON UNFILLED 94V-0, COLOR: BLACK.
  - FINISH: NOT APPLICABLE.
  - PRODUCT SPECIFICATION: PS-5556-002
  - PACKAGING: PK-42474-001
  - PART MATES WITH MINI-FIT B.M.I. PLUG #42475, AND HEADERS 42404, 42440, 43810, 44068 & 43819.
  - PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, 44476, 45750, OR 46018.
  - THIS CONNECTOR ALLOWS FOR .050/(1.27) MAX. MISALIGNMENT IN ANY DIRECTION.
  - THIS DIMENSION IS TO BE USED FOR ALIGNMENT OF THE MATING CONNECTOR.
  - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
  - THIS PART IS INTENDED FOR ONE PANEL INSERTION ONLY. REMOVAL AND RE-INSERTION CAN DAMAGE THE MOUNTING SPIRALS.
  - PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION.
  - BOTH SPIRALS SHOULD BE INSERTED INTO THE PANEL AT THE SAME TIME. ROCKING THE PART INTO PLACE MAY CAUSE SPIRAL DAMAGE.
  - THIS PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
  - IF THIS PRODUCT IS STORED IN AN ENVIRONMENT WITH A RELATIVE HUMIDITY OF LESS THAN 50%, MOISTURE MUST BE ADDED.  
REFER TO TECHNICAL ADVISORY AS-45499-001 FOR INSTRUCTIONS.
  - USING 5556 OR 44476 TERMINALS:  
A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT.  
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR 4 POINTS OF CONTACT.
  - USING 45750 OR 46018 TERMINALS:  
A MAXIMUM TOLERANCE OF .020/(0.51) ALLOWS FOR FULL CONTACT ENGAGEMENT.
  - 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.

|                                                                                                                                   |                                      |                                                                                                                                                                         |                                                                                                                    |              |                                                                                                                               |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------|--------------|---------------------|--|
| ADD 8CKT P/N<br>SEC NO: UCP2017-2380<br>DRAWN: BAPPELOORN<br>2017/04/28<br>CHKD: J.BELL<br>APPROV: F.S.M. TH<br>2017/05/05<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .015<br>2 PLACES ± 0.38 ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± 1/2° | DIMENSION STYLE<br>IN/MM<br>DRAWN BY<br>GEP<br>CHECKED BY<br>R.J.F.<br>APPROVED BY<br>R.A.S.<br>DATE<br>1989/08/24 | SCALE<br>1:1 | DESIGN UNITS<br>METRIC                                                                                                        |  THIRD ANGLE PROJECTION | TITLE<br>PANEL-MOUNT RECEPTACLE<br>BLIND MATE<br>MINI-FIT JR. SERIES |  MOLEX INCORPORATED | MATERIAL NO.<br>SD-42474-**** | DOCUMENT NO. | SHEET NO.<br>1 OF 2 |  |
|                                                                                                                                   |                                      |                                                                                                                                                                         |                                                                                                                    |              |                                                                                                                               |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |
|                                                                                                                                   |                                      |                                                                                                                                                                         |                                                                                                                    |              |                                                                                                                               |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |
|                                                                                                                                   |                                      |                                                                                                                                                                         |                                                                                                                    |              |                                                                                                                               |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |
|                                                                                                                                   |                                      |                                                                                                                                                                         |                                                                                                                    |              |                                                                                                                               |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |
|                                                                                                                                   | P12                                  | DESCRIPTION                                                                                                                                                             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                         | SIZE<br>D    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |
|                                                                                                                                   |                                      |                                                                                                                                                                         |                                                                                                                    |              |                                                                                                                               |                                                                                                              |                                                                      |                                                                                                          |                               |              |                     |  |

| 13             |            | 12             |    | 11           |  | 10                        |            | 9  |       | 8              |            | 7              |       | 6            |            | 5                         |       | 4 |            | 3              |       | 2            |            | 1                         |       |  |            |                |       |              |            |                           |       |
|----------------|------------|----------------|----|--------------|--|---------------------------|------------|----|-------|----------------|------------|----------------|-------|--------------|------------|---------------------------|-------|---|------------|----------------|-------|--------------|------------|---------------------------|-------|--|------------|----------------|-------|--------------|------------|---------------------------|-------|
| PART<br>NUMBER |            | ENG.<br>NUMBER |    | CKT.<br>SIZE |  | MATERIAL<br>(SEE NOTE 1.) |            |    |       | PART<br>NUMBER |            | ENG.<br>NUMBER |       | CKT.<br>SIZE |            | MATERIAL<br>(SEE NOTE 1.) |       |   |            | ITEM<br>NUMBER |       | CKT.<br>SIZE |            | MATERIAL<br>(SEE NOTE 1.) |       |  |            | ITEM<br>NUMBER |       | CKT.<br>SIZE |            | MATERIAL<br>(SEE NOTE 1.) |       |
| J              | NOT TOOLED | 42474-0211     | 2  | 94V-2        |  | NOT TOOLED                | 42474-0221 | 2  | 94V-0 |                | NOT TOOLED | 2              | 94V-2 |              | NOT TOOLED | 2                         | 94V-0 |   | NOT TOOLED | 2              | 94V-2 |              | NOT TOOLED | 2                         | 94V-0 |  | NOT TOOLED | 2              | 94V-2 |              | NOT TOOLED | 2                         | 94V-0 |
|                | I5-06-0040 | 42474-0411     | 4  | 94V-2        |  | I5-06-0041                | 42474-0421 | 4  | 94V-0 |                | 42474-0431 | 4              | 94V-2 |              | 42474-0441 | 4                         | 94V-0 |   | 42474-0451 | 4              | 94V-2 |              | 42474-0461 | 4                         | 94V-0 |  | 42474-0471 | 4              | 94V-2 |              | 42474-0481 | 4                         | 94V-0 |
|                | I5-06-0060 | 42474-0611     | 6  | 94V-2        |  | I5-06-0061                | 42474-0621 | 6  | 94V-0 |                | 42474-0631 | 6              | 94V-2 |              | 42474-0641 | 6                         | 94V-0 |   | 42474-0651 | 6              | 94V-2 |              | 42474-0661 | 6                         | 94V-0 |  | 42474-0671 | 6              | 94V-2 |              | 42474-0681 | 6                         | 94V-0 |
|                | I5-06-0080 | 42474-0811     | 8  | 94V-2        |  | I5-06-0081                | 42474-0821 | 8  | 94V-0 |                | 42474-0831 | 8              | 94V-2 |              | 42474-0841 | 8                         | 94V-0 |   | 42474-0851 | 8              | 94V-2 |              | 42474-0861 | 8                         | 94V-0 |  | 42474-0871 | 8              | 94V-2 |              | 42474-0881 | 8                         | 94V-0 |
| I              | I5-06-0100 | 42474-1011     | 10 | 94V-2        |  | I5-06-0101                | 42474-1021 | 10 | 94V-0 |                | 42474-1031 | 10             | 94V-2 |              | 42474-1041 | 10                        | 94V-0 |   | 42474-1051 | 10             | 94V-2 |              | 42474-1061 | 10                        | 94V-0 |  | 42474-1071 | 10             | 94V-2 |              | 42474-1081 | 10                        | 94V-0 |
|                | NOT TOOLED | 42474-1211     | 12 | 94V-2        |  | NOT TOOLED                | 42474-1221 | 12 | 94V-0 |                | NOT TOOLED | 12             | 94V-2 |              | NOT TOOLED | 12                        | 94V-0 |   | NOT TOOLED | 12             | 94V-2 |              | NOT TOOLED | 12                        | 94V-0 |  | NOT TOOLED | 12             | 94V-2 |              | NOT TOOLED | 12                        | 94V-0 |
|                | I5-06-0140 | 42474-1411     | 14 | 94V-2        |  | I5-06-0141                | 42474-1421 | 14 | 94V-0 |                | 42474-1431 | 14             | 94V-2 |              | 42474-1441 | 14                        | 94V-0 |   | 42474-1451 | 14             | 94V-2 |              | 42474-1461 | 14                        | 94V-0 |  | 42474-1471 | 14             | 94V-2 |              | 42474-1481 | 14                        | 94V-0 |
|                | NOT TOOLED | 42474-1611     | 16 | 94V-2        |  | NOT TOOLED                | 42474-1621 | 16 | 94V-0 |                | NOT TOOLED | 16             | 94V-2 |              | NOT TOOLED | 16                        | 94V-0 |   | NOT TOOLED | 16             | 94V-2 |              | NOT TOOLED | 16                        | 94V-0 |  | NOT TOOLED | 16             | 94V-2 |              | NOT TOOLED | 16                        | 94V-0 |
| H              | I5-06-0180 | 42474-1811     | 18 | 94V-2        |  | I5-06-0181                | 42474-1821 | 18 | 94V-0 |                | 42474-1831 | 18             | 94V-2 |              | 42474-1841 | 18                        | 94V-0 |   | 42474-1851 | 18             | 94V-2 |              | 42474-1861 | 18                        | 94V-0 |  | 42474-1871 | 18             | 94V-2 |              | 42474-1881 | 18                        | 94V-0 |
|                | NOT TOOLED | 42474-2011     | 20 | 94V-2        |  | NOT TOOLED                | 42474-2021 | 20 | 94V-0 |                | NOT TOOLED | 20             | 94V-2 |              | NOT TOOLED | 20                        | 94V-0 |   | NOT TOOLED | 20             | 94V-2 |              | NOT TOOLED | 20                        | 94V-0 |  | NOT TOOLED | 20             | 94V-2 |              | NOT TOOLED | 20                        | 94V-0 |
|                | NOT TOOLED | 42474-2211     | 22 | 94V-2        |  | NOT TOOLED                | 42474-2221 | 22 | 94V-0 |                | NOT TOOLED | 22             | 94V-2 |              | NOT TOOLED | 22                        | 94V-0 |   | NOT TOOLED | 22             | 94V-2 |              | NOT TOOLED | 22                        | 94V-0 |  | NOT TOOLED | 22             | 94V-2 |              | NOT TOOLED | 22                        | 94V-0 |
|                | I5-06-0240 | 42474-2411     | 24 | 94V-2        |  | I5-06-0241                | 42474-2421 | 24 | 94V-0 |                | 42474-2431 | 24             | 94V-2 |              | 42474-2441 | 24                        | 94V-0 |   | 42474-2451 | 24             | 94V-2 |              | 42474-2461 | 24                        | 94V-0 |  | 42474-2471 | 24             | 94V-2 |              | 42474-2481 | 24                        | 94V-0 |



|                     |  |                  |  |                                                      |  |                 |  |                                                                                                                               |  |              |  |                        |  |
|---------------------|--|------------------|--|------------------------------------------------------|--|-----------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|------------------------|--|
| SEE SHEET 1         |  | QUALITY SYMBOLS  |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE |  | SCALE                                                                                                                         |  | DESIGN UNITS |  | THIRD ANGLE PROJECTION |  |
| EC NO: UCP2017-2380 |  | DRAWN: APPELDORN |  | mm                                                   |  | IN/MM           |  | 1:1                                                                                                                           |  | METRIC       |  | M                      |  |
| 2017/04/28          |  | 2017/04/28       |  | ± .015                                               |  | DATE            |  | 1989/08/24                                                                                                                    |  | DATE         |  | 1989/08/24             |  |
| CHKD: J.BELL        |  | 2017/04/28       |  | ± .038                                               |  | CHECKED BY      |  | R.J.F.                                                                                                                        |  | DATE         |  | 1989/08/24             |  |
| APPR: F.S.MITH      |  | 2017/05/05       |  | ± .000                                               |  | APPROVED BY     |  | RAS                                                                                                                           |  | DATE         |  | 1989/08/24             |  |
| P12                 |  | REV              |  | ANGULAR ± 1/2°                                       |  | MATERIAL NO.    |  | SEE CHART                                                                                                                     |  | DOCUMENT NO. |  | SD-42474-****          |  |
|                     |  |                  |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SIZE            |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |              |  | SHEET NO. 2 OF 2       |  |