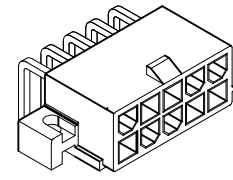
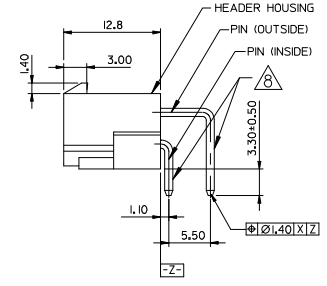
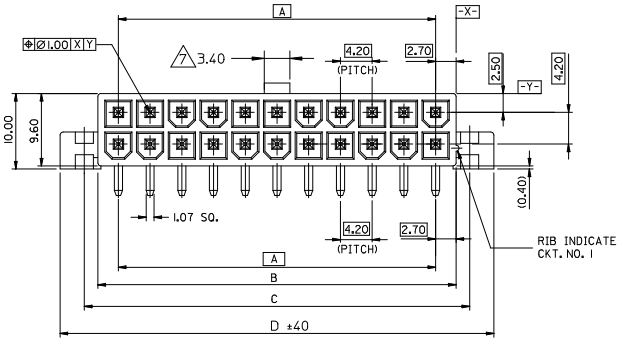


CKT. SIZE 10



ISOMETRIC VIEW

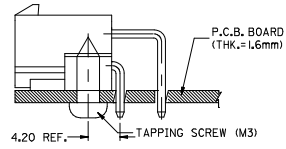


LEGEND

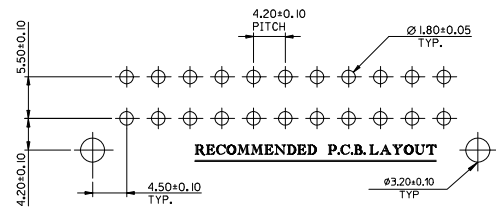
87427-****
CKT. SIZE (SEE SHEET 2)
PLATING OPTIONS
2 = NOTE 2
PACKAGING OPTIONS
1 = TRAY PACKED - COLOR: BEIGE

NOTES

- MATERIALS:
- HEADER: NYLON 46, UL94V-0, COLOR SEE LEGEND.
- PIN: BRASS
- FINISH- PLATING OF PIN:
2. .00254 MIN. MATTE TIN OVER .00127 MIN. NICKEL
- PRODUCT SPECIFICATION: PS-87427-0001.
- PACKAGING SPECIFICATION:
TRAY PACK PER PK-87427-003.
- MATES WITH: MINI-FIT JR. RECEPTACLE SERIES 5557.
- THESE PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
THIS DIMENSION IS 4.2 ON 2 CKT PARTS.
FORMING MARKS ARE ACCEPTABLE
- DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
- PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
- CONNECTORS ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.

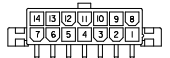


RECOMMENDED INSTALLATION PATTERN

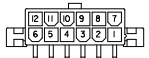


RECOMMENDED P.C.B.LAYOUT

| | | | | | | | |
|--|--------------------------------------|---------------------------------------|------|---|--------------------|--|------------------------|
| CHANGE PLATING EC NO: UCP2012-1560 DRAWINGUYEN 2012/01/26 CHKD:JBELL 2012/01/26 APPR:FSMITH 2012/02/02 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | mm | INCH | DRAWN BY STEVEN | DATE 1994/06/24 | TITLE 4.2MM W-T-B RIGHT ANGLE HEADER (WITH MOUNTING FLANGES) | |
| | | 4 PLACES ±--- | ±--- | CHECKED BY EDMUND | DATE 1995/03/01 | MOLEX INCORPORATED | |
| | | 3 PLACES ±--- | ±--- | APPROVED BY FSMITH | DATE 2012/02/02 | | |
| | | 2 PLACES ±0.20 | ±--- | MATERIAL NO. SEE CHART | | DOCUMENT NO. SD-87427-***1* | |
| | | 1 PLACE ±0.20 | ±--- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SHEET NO. 1 OF 2 | |
| | | ANGULAR ±--- | ° | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |



CKT.SIZE 14



CKT.SIZE 12



CKT.SIZE 16



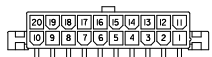
CKT.SIZE 10



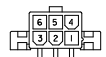
CKT.SIZE 18



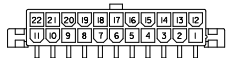
CKT.SIZE 8



CKT.SIZE 20



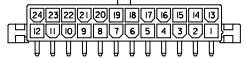
CKT.SIZE 6



CKT.SIZE 22



CKT.SIZE 4



CKT.SIZE 24



CKT.SIZE 2

| BEIGE | | | | | |
|-------|-------|------------|-------|------------------------|-----------|
| D | C | B | A | ENG.NO. TRAY PACKED | CKT. SIZE |
| 61.60 | 55.20 | 51.60±0.55 | 46.20 | 87427-2412 | 24 |
| 57.40 | 51.00 | 47.40±0.55 | 42.00 | 87427-2212 | 22 |
| 53.20 | 46.80 | 43.20±0.50 | 37.80 | 87427-2012 | 20 |
| 49.00 | 42.60 | 39.00±0.45 | 33.60 | 87427-1812 | 18 |
| 44.80 | 38.40 | 34.80±0.35 | 29.40 | 87427-1612 | 16 |
| 40.60 | 34.20 | 30.60±0.30 | 25.20 | 87427-1412 | 14 |
| 36.40 | 30.00 | 26.40±0.30 | 21.00 | 87427-1212 | 12 |
| 32.20 | 25.80 | 22.20±0.30 | 16.80 | 87427-1012 | 10 |
| 28.00 | 21.60 | 18.00±0.30 | 12.60 | 87427-0812 | 8 |
| 23.80 | 17.40 | 13.80±0.25 | 8.40 | 87427-0612 | 6 |
| 19.60 | 13.20 | 9.60±0.25 | 4.20 | 87427-0412 | 4 |
| 15.40 | 9.00 | 5.40±0.20 | -- | 87427-0212 | 2 |

| SEE SHEET 1 EC NO: UCP2012-1560 DRAWN: NGUYEN 2012/01/26 CHKD: BELL 2012/01/26 APPR: FSMITH 2012/02/02 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± ---°</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.20 | ± --- | 1 PLACE | ± 0.20 | ± --- | ANGULAR ± ---° | | | DIMENSION STYLE MM ONLY DRAWN BY DATE STEVEN 1994/06/24 CHECKED BY DATE EDMUND 1995/03/01 APPROVED BY DATE FSMITH 2012/02/02 | SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE 4.2MM W-T-B RIGHT ANGLE HEADER (WITH MOUNTING FLANGES) MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-87427-***1* SHEET NO. 2 OF 2 |
|--|--------------------------------------|---|-------|----|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|----------------|--|--|--|--|---|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.20 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± ---° | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | |