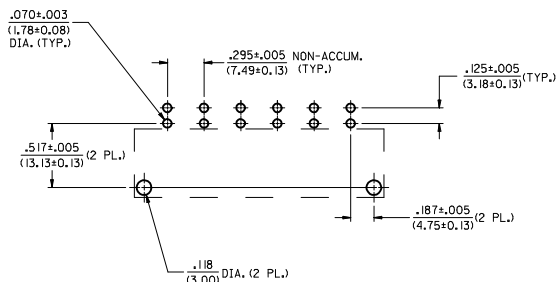


SEE SHEET 5 AND 6 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS

SCALE 2:1



6 CIRCUIT LAYOUT SHOWN

NOTES:





- INSULATOR MATERIAL: NYLON, UL94V-0; IEC GLOW WIRE MATERIAL RATING: GWIT-960°C, GWFI-960°C, BOTH • 0.75MM WALL THICKNESS. TERMINAL MATERIAL: BRASS.
- TERMINAL FINISH: 60 MICRINCH (1.50 MICROMETER) MINIMUM TIN OVER 50 MICRINCH (1.25 MICROMETER) MINIMUM NICKEL.
- PRODUCT SPECIFICATION: PSX-44441-9999.
- PACKAGING: SEE CHART.
- THESE HEADERS MATE WITH 43179, 43335, OR 44441 RECEPTACLE HOUSINGS.
- SEE SHEETS 1, 2 AND 3 FOR VERTICAL HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- SEE SHEETS 4, 5 AND 6 FOR RIGHT ANGLE HEADER ASSEMBLIES AND THEIR RESPECTIVE PART NUMBERS.
- TERMINALS ARE ON .295/(7.49) CENTERLINE SPACING.
- DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

| SOLDER TAIL | DIM. 'A' ±.011/(0.28) |
|-------------|-----------------------|
| SHORT | .150/(3.81) |
| LONG | .210/(5.33) |

| BOARD LOCK | DIM. 'B' ±.004/(0.10) |
|------------|-----------------------|
| .062 | .070/(1.78) |
| .094 | .102/(2.59) |
| .125 | .133/(3.38) |

| REPLACE CU UNDERPLATE IEC NO. UCF2012-3878 DRAWN BY: DRWNAELHAG 2012/06/14 CHYKD:JBELL 2012/06/14 APPROV:FSM/TH 2012/08/28 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0005</td> </tr> <tr> <td>3 PLACES</td> <td>±.010</td> <td>±.0010</td> </tr> <tr> <td>2 PLACES</td> <td>±.015</td> <td>±.0015</td> </tr> <tr> <td>1 PLACE</td> <td>±.025</td> <td>±.0025</td> </tr> </tbody> </table> ANGULAR ±1/2° | | mm | INCH | 4 PLACES | ±.005 | ±.0005 | 3 PLACES | ±.010 | ±.0010 | 2 PLACES | ±.015 | ±.0015 | 1 PLACE | ±.025 | ±.0025 | DIMENSION STYLE IN/MM SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION |
|--|--|--|--------------------|----|------|----------|-------|--------|----------|-------|--------|----------|-------|--------|---------|-------|--------|--|
| | | mm | INCH | | | | | | | | | | | | | | | |
| | 4 PLACES | ±.005 | ±.0005 | | | | | | | | | | | | | | | |
| | 3 PLACES | ±.010 | ±.0010 | | | | | | | | | | | | | | | |
| 2 PLACES | ±.015 | ±.0015 | | | | | | | | | | | | | | | | |
| 1 PLACE | ±.025 | ±.0025 | | | | | | | | | | | | | | | | |
| DRAWN BY: CSTEWARD 11/18/05 CHECKED BY: BWRKUS 2005/11/18 APPROVED BY: BWRKUS | MATERIAL NO. SEE CHART DIM. 'A' ±.011/(0.28) DIM. 'B' ±.004/(0.10) | TITLE SABRE HEADER ASSY RT. ANGLE, 2-6 & 8 CIR. GLOW WIRE COMPLIANT | MOLEX INCORPORATED | | | | | | | | | | | | | | | |
| WATER: SD SIZE D | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DOCUMENT NO. SD-46148-001 | SHEET NO. 4 OF 6 | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | |

| RT. ANGLE HEADER ASSEMBLY ITEM NO. | PART CHARACTERISTICS FOR RIGHT ANGLE HEADER | | | PACKAGING SPECIFICATIONS | RT. ANGLE HEADER ASSEMBLY ITEM NO. | PART CHARACTERISTICS FOR RIGHT ANGLE HEADER | | | | PACKAGING SPECIFICATIONS | RT. ANGLE HEADER ASSEMBLY ITEM NO. | PART CHARACTERISTICS FOR RIGHT ANGLE HEADER | | | PACKAGING SPECIFICATIONS |
|------------------------------------|---|-------------|------------|--------------------------|------------------------------------|---|-------------------------|-------------|------------|--------------------------|------------------------------------|---|-------------|------------|--------------------------|
| | CIRCUIT SIZE | SOLDER TAIL | BOARD LOCK | | | CIRCUIT SIZE | HSG. MAT'L (SEE NOTE 1) | SOLDER TAIL | BOARD LOCK | | | CIRCUIT SIZE | SOLDER TAIL | BOARD LOCK | |
| 46148-1102 | 2 | SHORT | N/A | PK-43160-0010 | 46148-1104 | 4 | A | SHORT | N/A | PK-43160-0010 | 46148-1106 | 6 | SHORT | N/A | PK-43160-0010 |
| 46148-1302 | 2 | LONG | N/A | PK-43789-001 | 46148-1304 | 4 | A | LONG | N/A | PK-43789-001 | 46148-1306 | 6 | LONG | N/A | PK-43789-001 |
| 46148-3102 | 2 | SHORT | .062 | PK-43789-001 | 46148-3104 | 4 | A | SHORT | .062 | PK-43789-001 | 46148-3106 | 6 | SHORT | .062 | PK-43789-001 |
| 46148-5102 | 2 | SHORT | .094 | PK-43789-001 | 46148-5104 | 4 | A | SHORT | .094 | PK-43789-001 | 46148-5106 | 6 | SHORT | .094 | PK-43789-001 |
| 46148-5302 | 2 | LONG | .094 | PK-43789-001 | 46148-5304 | 4 | A | LONG | .094 | PK-43789-001 | 46148-5306 | 6 | LONG | .094 | PK-43789-001 |
| 46148-7302 | 2 | LONG | .125 | PK-43789-001 | 46148-7304 | 4 | A | LONG | .125 | PK-43789-001 | 46148-7306 | 6 | LONG | .125 | PK-43789-001 |
| 46148-1103 | 3 | SHORT | N/A | PK-43160-0010 | 46148-1105 | 5 | A | SHORT | N/A | PK-43160-0010 | | | | | |
| 46148-1303 | 3 | LONG | N/A | PK-43789-001 | 46148-1305 | 5 | A | LONG | N/A | PK-43789-001 | | | | | |
| 46148-3103 | 3 | SHORT | .062 | PK-43789-001 | 46148-3105 | 5 | A | SHORT | .062 | PK-43789-001 | | | | | |
| 46148-3503 | 3 | SHORT | .094 | PK-43789-001 | 46148-5105 | 5 | A | SHORT | .094 | PK-43789-001 | | | | | |
| 46148-3703 | 3 | LONG | .094 | PK-43789-001 | 46148-5305 | 5 | A | LONG | .094 | PK-43789-001 | | | | | |
| 46148-7303 | 3 | LONG | .125 | PK-43789-001 | 46148-7305 | 5 | A | LONG | .125 | PK-43789-001 | | | | | |

| UPDATE REV. LEVEL IEC NO. UCF2012-3878 DRAWN:ELHAG 2012/06/14 CHYK:JRELL 2012/06/14 APPR:FSMTH 2012/08/28 REV DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|------------------------------|---|------------------------|------|------|----------|------|------|----------|------|------|---------|------|------|--|-------|--|----------|------|----------|----------|------------|------|---------|------------|-------------|------|---------|--|-------|-----|------|---|
| |  = 0  = 0 | <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>±---</td><td>±---</td></tr> <tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr> </table> | | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | <table border="1"> <tr><th colspan="2">IN/MM</th></tr> <tr><td>DRAWN BY</td><td>DATE</td></tr> <tr><td>CSTEWART</td><td>11/11/05</td></tr> <tr><td>CHECKED BY</td><td>DATE</td></tr> <tr><td>BWIRKUS</td><td>2005/11/11</td></tr> <tr><td>APPROVED BY</td><td>DATE</td></tr> <tr><td>BWIRKUS</td><td></td></tr> </table> | IN/MM | | DRAWN BY | DATE | CSTEWART | 11/11/05 | CHECKED BY | DATE | BWIRKUS | 2005/11/11 | APPROVED BY | DATE | BWIRKUS | | IN/MM | 1:1 | INCH |  |
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±--- | ±--- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IN/MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CSTEWART | 11/11/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BWIRKUS | 2005/11/11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED BY | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BWIRKUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ANGULAR ±1/2° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-46148-001 |  MOLEX INCORPORATED | SHEET NO. 5 OF 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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