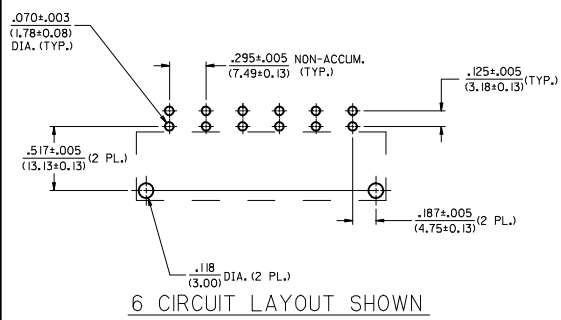


SEE SHEET 5 AND 6 FOR ITEM NUMBER CHART

RECOMMENDED P.C. BOARD LAYOUT FOR RIGHT ANGLE HEADERS
SCALE: 2:1



6 CIRCUIT LAYOUT SHOWN




- NOTES:**
- INSULATOR MATERIAL (SEE CHART):
A = 30% GLASS-FILLED 46 NYLON, 94V-0, COLOR: BLACK
TERMINAL MATERIAL: BRASS
 - TERMINAL FINISH: 60 MICRINCH (.150 MICROMETER) MINIMUM TIN OVER 50 MICRINCH (.125 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.
 - DIMENSIONS ARE FOR REFERENCE ONLY UNLESS INDICATED OTHERWISE.

| SOLDER TAIL | DIM. 'A' ±.01/(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 EC NO. UCP2012-3878 DRAWN: HAH 2012/05/25 CHKD: BEL 2012/05/25 APPR: FSW/TH 2012/08/28 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE IN/MM | | SCALE 3:1 | | DESIGN UNITS INCH | | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ±.005 | ±.005 | DRAWN BY | DATE | TITLE | | | | | |
| | | 3 PLACES ±.01 | ±.01 | CHECKED BY | DATE | SABRE HEADER ASSY RT. ANGLE, 2-6 & 8 CIR. .125/(3.18)X.020/(0.51) | | | | | |
| | | 2 PLACES ±0.13 | ±.01 | APPROVED BY | DATE | | | | | | |
| 1 PLACE ±0.25 | ±.01 | ANGULAR ±1/2° | | MATERIAL NO. SEE CHART | | DOCUMENT NO. SDA-43160-**** | | SHEET NO. 4 OF 6 | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | WATER: SEE CHART | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

| | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | |
|------------|------------------------------------|---------------------------------------------|-------------------------|-------------|--------------|--------------------------|------------------------------------|---------------------------------------------|-------------------------|-------------|--------------|--------------------------|------------------------------------|---------------------------------------------|-------------------------|-------------|------------|--------------------------|------|---------------|--|--|
| M | 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 | HSG. MAT'L (SEE NOTE 1) | SOLDER TAIL | BOARD LOCK | | | CIRCUIT SIZE | HSG. MAT'L (SEE NOTE 1) | SOLDER TAIL | BOARD LOCK | | | CIRCUIT SIZE | HSG. MAT'L (SEE NOTE 1) | SOLDER TAIL | BOARD LOCK | | | | | |
| | 43160-1102 | 2 | A | SHORT | N/A | PK-43160-0010 | | 43160-1104 | 4 | A | SHORT | N/A | | PK-43160-0010 | 43160-1106 | 6 | A | SHORT | N/A | PK-43160-0010 | | |
| | 43160-1302 | 2 | A | LONG | N/A | PK-43789-001 | | 43160-1304 | 4 | A | LONG | N/A | | PK-43789-001 | 43160-1306 | 6 | A | LONG | N/A | PK-43789-001 | | |
| | 43160-3102 | 2 | A | SHORT | .062 | PK-43789-001 | | 43160-3104 | 4 | A | SHORT | .062 | | PK-43789-001 | 43160-3106 | 6 | A | SHORT | .062 | PK-43789-001 | | |
| | 43160-5102 | 2 | A | SHORT | .094 | PK-43789-001 | | 43160-5104 | 4 | A | SHORT | .094 | | PK-43789-001 | 43160-5106 | 6 | A | SHORT | .094 | PK-43789-001 | | |
| | 43160-5302 | 2 | A | LONG | .094 | PK-43789-001 | | 43160-5304 | 4 | A | LONG | .094 | | PK-43789-001 | 43160-5306 | 6 | A | LONG | .094 | PK-43789-001 | | |
| | 43160-7302 | 2 | A | LONG | .125 | PK-43789-001 | | 43160-7304 | 4 | A | LONG | .125 | | PK-43789-001 | 43160-7306 | 6 | A | LONG | .125 | PK-43789-001 | | |
| | 43160-1103 | 3 | A | SHORT | N/A | PK-43160-0010 | | 43160-1105 | 5 | A | SHORT | N/A | | PK-43160-0010 | | | | | | | | |
| | 43160-1303 | 3 | A | LONG | N/A | PK-43789-001 | | 43160-1305 | 5 | A | LONG | N/A | | PK-43789-001 | | | | | | | | |
| 43160-3103 | 3 | A | SHORT | .062 | PK-43789-001 | 43160-3105 | 5 | A | SHORT | .062 | PK-43789-001 | | | | | | | | | | | |
| 43160-5103 | 3 | A | SHORT | .094 | PK-43789-001 | 43160-5105 | 5 | A | SHORT | .094 | PK-43789-001 | | | | | | | | | | | |
| 43160-5303 | 3 | A | LONG | .094 | PK-43789-001 | 43160-5305 | 5 | A | LONG | .094 | PK-43789-001 | | | | | | | | | | | |
| 43160-7303 | 3 | A | LONG | .125 | PK-43789-001 | 43160-7305 | 5 | A | LONG | .125 | PK-43789-001 | | | | | | | | | | | |

| UPDATE REV. LEVEL IEC NO. UCF2012-3878 DRAWN:ELHAG 2012/05/25 CHKD:JBELL 2012/05/25 APPR:FSMTH 2012/08/28 J REV DESCRIPTION | QUALITY SYMBOLS  = 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>± .05</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .05</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> </table> | | mm | INCH | 4 PLACES | ± .05 | ± .005 | 3 PLACES | ± .05 | ± .005 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.25 | ± .01 | DIMENSION STYLE IN/MM DRAWN BY DATE GC 11/30/95 CHECKED BY DATE KBP 11/30/95 APPROVED BY DATE RAS 11/30/95 | SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION | TITLE SABRE HEADER ASSY RT. ANGLE, 2-6 & 8 CIR. .125/(3.18)X.020/(0.51) |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|------|----------|-------|--------|----------|-------|--------|----------|--------|-------|---------|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .05 | ± .005 | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .05 | ± .005 | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± .01 | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. SDA-43160-**** DOCUMENT NO. SDA-43160-**** SHEET NO. 5 OF 6 | MOLEX INCORPORATED  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | |
| SEE CHART | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |