

NOTES:

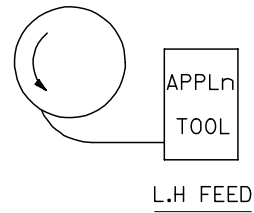
1. MATERIAL -
PHOSPHOR BRONZE CDA 521
THICKNESS: (0.200) ± 0.008
TENSILE STRENGTH: 655-760 N/mm²
PLATING - SEE SHEET 2
2. FOR DIMENSIONS A, B, C, D, F & G
SEE SHEET 2
3. FOR WIRE SIZE & INSULATION DIA
SEE SHEET 2
4. THIS TERMINAL TO MATE WITH
(0.635) ± 0.025 SQUARE PIN
5. MAX BURR AFTER CUT-OFF
(0.025) ± 0.001

| | | | | | | | | | |
|---|-------------------------------|--|---------|---|--------------------|---|------------------------|------------------------|--|
| REMOVED LEAD REF. EC NO. E2006-0155 DRAWN: JDENNEHY 2005/08/29 CHKD: DMORIARTY 2005/08/29 APPR: JDENNEHY 2005/09/05 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 10:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | mm | INCH | DRAWN BY NPC | DATE 1987/08/27 | TITLE C-GRID III FEMALE CRIMP TERMINAL | | | |
| REV | DESCRIPTION | 4 PLACES ± --- | ± --- | CHECKED BY D.MORIARTY | DATE 2005/08/26 | MATERIAL NO. SD-90119 | | | |
| | | 3 PLACES ± --- | ± 0.004 | APPROVED BY JDENNEHY | DATE 2005/08/26 | DOCUMENT NO. SD-90119 | | | |
| | | 2 PLACES ± 0.1 | ± 0.008 | SEE CHART | | SHEET NO. 1 OF 2 | | | |
| | | 1 PLACE ± 0.2 | ± --- | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |
| | | ANGULAR ± 5 ° | | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | |

10 9 8 7 6 5 4 3 2 1

| PART No | PLATING | REELING | WIRE SIZE (AWG) | INSULATION RANGE | CRIMP DIMENSIONS | | | | | |
|------------|---------|-------------------------|-----------------|------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | | | | | WIRE BARREL | | | INSULATION BARREL | | |
| | | | | | A $\pm \frac{(0.15)}{.006}$ | B $\pm \frac{(0.15)}{.006}$ | F $\pm \frac{(0.15)}{.006}$ | C $\pm \frac{(0.15)}{.006}$ | D $\pm \frac{(0.15)}{.006}$ | G $\pm \frac{(0.15)}{.006}$ |
| 90119-0109 | A | L.H FEED | 22,24 | (1.02-1.47) | (1.70) | (1.70) | (0.51) | (2.10) | (1.90) | (0.70) |
| -0110 | E | | | .040-.058 | .067 | .067 | 0.20 | .083 | .075 | 0.27 |
| -0111 | F | | | 26,28 | (0.76-1.22) | (1.37) | (1.37) | (0.28) | (2.00) | (1.70) |
| -0120 | A | | .030-.048 | | .054 | .054 | 0.11 | .079 | .067 | 0.24 |
| -0121 | E | | 22,24 | | (1.02-1.47) | (1.70) | (1.70) | (0.51) | (2.10) | (1.90) |
| -0122 | F | | | .040-.058 | .067 | .067 | 0.20 | .083 | .075 | 0.27 |
| -2109 | A | LOOSE PIECE PARTS | | 22,24 | (1.02-1.47) | (1.70) | (1.70) | (0.51) | (2.10) | (1.90) |
| -2110 | E | | .040-.058 | | .067 | .067 | 0.20 | .083 | .075 | 0.27 |
| -2111 | F | | 26,28 | (0.76-1.22) | (1.37) | (1.37) | (0.28) | (2.00) | (1.70) | (0.60) |
| -2120 | A | | | .030-.048 | .054 | .054 | 0.11 | .079 | .067 | 0.24 |
| -2121 | E | | | | | | | | | |
| 90119-2122 | F | | | | | | | | | |

| TYPE | PLATING |
|------|--|
| A | PRE-PLATED HOT DIP TIN (1.0 to 2.5 um)/.00004 TO .0001 |
| E | (1.27 TO 1.78um)/.00005 TO .00007 NICKEL OVERALL. (0.38 TO 0.64um)/.000015 TO .000025 GOLD ON CONTACT AREA. (3.0 TO 5.0 um)/.00012 TO .0002 TIN ON TERMINATION AREA. |
| F | (1.27 TO 1.78um)/.00005 TO .00007 NICKEL OVERALL. (0.76 TO 01.0 um)/.00003 TO .00004 GOLD ON CONTACT AREA. (3.0 TO 5.0 um)/.00012 TO .0002 TIN ON TERMINATION AREA. |



| REMOVED LEAD REF. EC NO: E2006-0155 DRWN: DENNEHY 2005/08/29 CHKD:DMORIARTY 2005/08/29 APPR: DENNEHY 2005/09/05 | DESCRIPTION REV K | QUALITY SYMBOLS $\nabla=0$ $\triangle=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE --- | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|--|--|---|---|--------------------------|------------------------|----------|-----------|-----------|----------|-----------|-----------|----------|-----------|-----------|---------|-----------|-----------|---------|------------|--|--|--|--|--|--|
| | | | | <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>\pm---</td> <td>\pm---</td> </tr> <tr> <td>3 PLACES</td> <td>\pm---</td> <td>\pm---</td> </tr> <tr> <td>2 PLACES</td> <td>\pm---</td> <td>\pm---</td> </tr> <tr> <td>1 PLACE</td> <td>\pm---</td> <td>\pm---</td> </tr> <tr> <td>ANGULAR</td> <td colspan="2">\pm---°</td> </tr> </table> | | mm | INCH | 4 PLACES | \pm --- | \pm --- | 3 PLACES | \pm --- | \pm --- | 2 PLACES | \pm --- | \pm --- | 1 PLACE | \pm --- | \pm --- | ANGULAR | \pm ---° | | DRAWN BY: KS DATE: 1987/09/01 CHECKED BY: DMORIARTY DATE: 2005/08/26 APPROVED BY: JDENNEHY DATE: 2005/08/26 | TITLE C-GRID III FEMALE CRIMP TERMINAL | | | |
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | \pm --- | \pm --- | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | \pm --- | \pm --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | \pm --- | \pm --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | \pm --- | \pm --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR | \pm ---° | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART | MOLEX INCORPORATED | DOCUMENT NO. SD-90119 | SHEET NO. 2 OF 2 | | | | | | | | | | | | | | | | | | | | |
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9 8 7 6 5 4 3 2 1