



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.57 THICK P.C. BOARD

- PINS TO COMPLY WITH AMP SOLDERABILITY SPEC 109-11-3.
- MATES WITH PLUG P/N 770580-1.
- COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- RECOMMENDED FOR EDGE MOUNTING.
- 0.00381 MIN MATTE TIN LEAD OVER 0.00127 MIN NICKEL ENTIRE LENGTH OF PIN.
- 0.00076 MIN GOLD PLATE IN THE LOCALIZED PLATE AREA, 0.00381 MIN MATTE TIN LEAD IN THE LOCALIZED PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.
- 0.00381 MIN MATTE TIN OVER 0.00127 MIN NICKEL ENTIRE LENGTH OF PIN.
- 0.00076 MIN GOLD PLATE IN THE LOCALIZED GOLD PLATE AREA, 0.00381 MIN MATTE TIN IN THE LOCALIZED TIN PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.

| | | | |
|---------|----------|-------|------|
| 3.68 | .145 | 22.28 | .877 |
| 1.57 | .062 | 12.70 | .500 |
| 1.40 | .055 | 9.80 | .386 |
| 1.00 | .039 | 8.28 | .326 |
| 0.76 | .030 | 7.34 | .289 |
| 0.25 | .010 | 6.86 | .270 |
| 0.13 | .005 | 6.10 | .240 |
| 0.08 | .003 | 5.99 | .236 |
| 0.05 | .002 | 5.33 | .210 |
| 0.00381 | 0.000150 | 5.08 | .200 |
| 0.00127 | 0.000050 | 4.14 | .163 |
| 0.00076 | 0.000030 | 3.86 | .152 |
| MM | IN | MM | IN |

CONVERSION TABLE

| | | | | |
|----------|--------|----------------|-------|------------|
| BRASS | △8 | NYLON, UL94V-0 | WHITE | 1-770971-1 |
| BRASS | △7 | NYLON, UL94V-0 | WHITE | 1-770971-0 |
| BRASS | △6 | NYLON, UL94V-0 | WHITE | 770971-2 |
| BRASS | △5 | NYLON, UL94V-0 | WHITE | 770971-1 |
| MATERIAL | FINISH | MATERIAL | COLOR | PART NO. |
| PIN | | HOUSING | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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|------------------|--|--------------|---------|---|---|---------------|
| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DWN | 24JUL03 | | Tyco Electronics Corporation Harrisburg, PA 17105-3608 | |
| mm | 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.13 4 PLC ± - ± - ANGLES ± - ± - | S. CARPENTER | 24JUL03 | | | |
| | SEE TABLE | APVD | 24JUL03 | NAME | | |
| | | C. JONES | | HEADER ASSEMBLY, RIGHT ANGLE, WITH SHORT PEG, 10 CIRCUIT, MINI UNIVERSAL MATE-N-LOK(TM) | | |
| MATERIAL | FINISH | WEIGHT | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| SEE TABLE | SEE TABLE | - | A1 | 00779 | 770971 | - |
| CUSTOMER DRAWING | | | SCALE | SHEET | REV | G |
| | | | 5:1 | 1 OF 1 | | |

