



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.63±0.15 [.063±.006] THK PRINTED CIRCUIT BOARD

- 1 MATERIAL
HOUSING: POLYAMIDE NYLON,UL94V-0.
POST: COPPER ALLOY
- 2 FINISH
HOUSING: BLACK
POST: BRIGHT TIN-LEAD (93/7) PLATE, FOR -2 THRU -12 OR MATTE TIN FOR -32 THRU -42 0.00380-0.00880[.000150-.000350] THK OVER NICKEL UNDERPLATE,0.00130[.000050] MIN THK.
- 3 UL MARKING MAY NOT APPEAR ON THE 2 OR 3 POSITION SIZES.
CSA MARKING MAY NOT APPEAR ON THE 2 POSITION SIZE.
- 4 POST SOLDERDETAILS COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
- 5 POST WITHSTANDS 13.34N [3 LB] MIN AXIAL FORCE IN EITHER DIRECTION WITHOUT DISLODGING.
- 6 APPLIES AT -A-
- 7 APPLIES WHEN THE HEADER IS STRAIGHT.
- 8 PLASTIC PROJECTIONS PERMITTED IN THIS ZONE.
- 9 COORDINATE DIMENSIONS APPLIES FROM THE CENTER OF THE ACTUAL FEATURE.
- 10 DIMENSION APPLY TO COMPONENT SIDE OF BOARD UNLESS OTHERWISE NOTED.
- 11 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 12 ALL POSITION SIZES HAVE THE BACKWALL NOTCHED ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES HAVE SOLID BACKWALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACKWALL AT VARIOUS LOCATIONS (SEE TABLE FOR INTERRUPTION(S) LOCATIONS).
- 13 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [.005].
- 14 ONE HOLE MAY BE UNDERSIZED (1.17-1.3 [.046-.051]) FOR BOARD RETENTION.
- 15 MAXIMUM TEMPERATURE EXPOSURE DURING REFLOW SOLDERING NOT TO EXCEED 280° C (536° F).

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|----------|---------------|----|------------|
| 4&5, 8&9 | 47.42 [1.867] | 12 | 4-647648-2 |
| 4&5, 7&8 | 43.46 [1.711] | 11 | 4-647648-1 |
| 3&4, 7&8 | 39.50 [1.555] | 10 | 4-647648-0 |
| 3&4, 6&7 | 35.53 [1.399] | 9 | 3-647648-9 |
| 4&5 | 31.57 [1.243] | 8 | 3-647648-8 |
| 4&5 | 27.61 [1.087] | 7 | 3-647648-7 |
| 3&4 | 23.65 [.931] | 6 | 3-647648-6 |
| NONE | 19.69 [.775] | 5 | 3-647648-5 |
| NONE | 15.72 [.619] | 4 | 3-647648-4 |
| NONE | 11.76 [.463] | 3 | 3-647648-3 |
| NONE | 7.80 [.307] | 2 | 3-647648-2 |

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|------------------------|--|-----------|-----------|-----------|--------------------|-----------|-------------|
| DIMENSIONS: mm [NCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± 0.13[.005] | 4 PLC ± - | ANGLES ± 1° |
| MATERIAL | FINISH | WEIGHT | SCALE | SHEET | OF | REV | |
| | | | A1 | 00779 | 647648 | | |

CUSTOMER DRAWING

