



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.57 [.062] THICK P.C. BOARD



- 1 MATERIAL  
HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, DR-48. UL94V-0. POST: COPPER ALLOY
- 2 FINISH  
HOUSING: BLACK  
POST: BRIGHT TIN-LEAD (93/7) 0.00380 [.000150]-0.00880 [.000350] THICK OVER NICKEL UNDERPLATE 0.00130 [.000050] MINIMUM THICK OR MATTE TIN PLATE 0.00380 [.000150] THICK OVER NICKEL UNDERPLATE 0.00130 [.000050] MINIMUM THICK IF LEAD FREE.
- 3 UL MARKING MAY NOT APPEAR ON THE 3 POSITION SIZE.
- 4 POST SOLDERTAILS 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 SOLDER SIDE OF BOARD IS SHOWN.
- 11. DIMENSIONS IN BRACKETS ARE IN INCHES.
- 12 ALL POSITION SIZES HAVE THE BACK WALL NOTCHED ON BOTH ENDS AS SHOWN. THE 2 THRU 5 POSITION SIZES HAVE SOLID BACK WALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACK WALL 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 NOTCH SHOWN MAY OR MAY NOT APPEAR.
- 15 OBSOLETE PART NUMBER

	YES	4 & 5	39.50	[1.555]	10	4-647180-0
	YES	4 & 5	31.57	[1.243]	8	3-647180-8
15	NO	4 & 5	39.50	[1.555]	10	1-647180-0
15	NO	4 & 5	31.57	[1.243]	8	647180-8
NOTES	LEAD FREE	BACK WALL INTERRUPTIONS BETWEEN POSTS	mm	[IN]	NO OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: S. HOOVER 22-OCT-2004	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK: D. BOSSI 22-OCT-2004	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: D. BOSSI 22-OCT-2004	NAME: ASSEMBLY- MTA .156 HEADER, POLARIZED LOCK, STR .045 SQUARE POST, TIN OR TIN-LEAD PLATED, OMITTED POST #7, SPECIAL
0 PLC ±		APPLICATION SPEC	SIZE: A1
1 PLC ±		WEIGHT	CAGE CODE: 00779
2 PLC ±		CUSTOMER DRAWING	DRAWING NO: 647180
3 PLC ±			RESTRICTED TO
4 PLC ±			SCALE: 5:1
ANGLES ±			SHEET: 1 of 1
FINISH			REV: E2