



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

- 1 MATERIAL:
HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, DR-48, UL94V-O.
POST: COPPER ALLOY
- 2 FINISH
HOUSING: BLACK
POST: BRIGHT TIN-LEAD (93/7) PLATE, 0.00380-0.00880[.000150-.000350] THK OVER NICKEL UNDERPLATE, 0.00130[.000050] MIN THK.
OR MATTE TIN PLATE 0.00380(.000150)-.00880(.000350) OVER NICKLE UNDERPLATE 0.00130 (.000050) MIN THICK IF LEAD FREE.
- 3 UL MARKING MAY NOT APPEAR ON THE 3 POSITION SIZE.
- 4 POST SOLDER DETAILS 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 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 NOTCH SHOWN MAY OR MAY NOT APPEAR.

FINISH	BACKWALL INTERRUPTION(S) BETWEEN POST	L	NO. OF POSITIONS	PART NO	
OBSOLETE	TIN	3&4, 7&8	39.50 [1.555]	10	-4-644867-0
	TIN	3&4, 6&7	35.53 [1.399]	9	3-644867-9
OBSOLETE	TIN	4&5	31.57 [1.243]	8	-3-644867-8
	TIN	4&5	27.61 [1.087]	7	-3-644867-7
	TIN	3&4	23.65 [.931]	6	3-644867-6
	TIN	NONE	19.69 [.775]	5	3-644867-5
	TIN	NONE	15.72 [.619]	4	3-644867-4
	TIN	NONE	11.76 [.463]	3	3-644867-3
SUPERSEDED	TIN-LEAD	3&4, 7&8	39.50 [1.555]	10	-1-644867-0
	TIN-LEAD	3&4, 6&7	35.53 [1.399]	9	-644867-9
	TIN-LEAD	4&5	31.57 [1.243]	8	-644867-8
	TIN-LEAD	4&5	27.61 [1.087]	7	-644867-7
	TIN-LEAD	3&4	23.65 [.931]	6	-644867-6
	TIN-LEAD	NONE	19.69 [.775]	5	-644867-5
	TIN-LEAD	NONE	15.72 [.619]	4	-644867-4
	TIN-LEAD	NONE	11.76 [.463]	3	-644867-3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN B LEWIS 21OCT96	APVD R SWING 21OCT96	NAME MTA-156 HEADER ASSEMBLY, POLARIZED LOCK, STRAIGHT, .045 SQUARE POST, TIN OR TIN-LEAD PLATED, WITHOUT RETENTION PEGS, SPECIAL
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13[.005]	3 PLC ± -	4 PLC ± -
ANGLES ± 1'				
MATERIAL 1	FINISH 2	WEIGHT -	SIZE A1	CAGE CODE 00779
CUSTOMER DRAWING		SCALE 5:1	SHEET 1 OF 1	REV J2

STE TE Connectivity