



- 1 MATERIAL HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0. POST: COPPER ALLOY
- 2 FINISH HOUSING: NATURAL POST, SEE NOTES 14,15 & 19 FOR PLATING
- 3 ALL POSITION SIZES HAVE THE BACKWALL NOTCHED ON BOTH ENDS AS SHOWN. THE 5 POSITION SIZE HAS SOLID BACKWALLS. POSITION SIZES 6 AND ABOVE HAVE AN INTERRUPTED BACKWALL AT VARIOUS LOCATIONS. (SEE TABLE FOR INTERRUPTION(S) LOCATIONS).
- 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 THE RETENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE 1.63 [.064] DIAMETER BOARD HOLE FOR HEADER ASSEMBLY RETENTION DURING SOLDERING. FOUR TABS PER PEG, TWO PEGS PER HEADER ASSEMBLY.
- 12 UL MARKING MAY NOT APPEAR ON THE 3 POSITION SIZE. CSA MARKING MAY NOT APPEAR ON THE 3 POSITION SIZE.
- 13 POST NO. 2 & 3 OMITTED.
- 14 PLATING: GOLD PLATE AREA, 0.00076[.000030] GOLD OR 0.000076[.000003] MIN GOLD FLASH OVER 0.00068[.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127[.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 15 PLATING: BRIGHT TIN/LEAD (9/37) PLATE AREA, 0.00381-0.00889[.000150-.000350] THICK, ALL FOUR SIDES, 3.18 [.125] MIN FOR -4 THRU -5.
- 16 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 17 EDGE OF POLARIZING LOCK WALL TO BE IN LINE WITH CENTERLINE OF ADJACENT POST WITHIN ±0.13 [.005].
- 18 NOTCH SHOWN MAY OR MAY NOT APPEAR.
- 19 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.18 [.125] FOR 3-4 THRU 3-5.

FINISH	BACKWALL INTERRUPTION (5) BETWEEN POST	L	NO OF POSITIONS	PART NO
1419		NONE	19.69 [.775]	5 3-644784-5
1419		NONE	15.72 [.619]	4 3-644784-4
1419		NONE	19.69 [.775]	5 644784-5
1419		NONE	15.72 [.619]	4 644784-4

THIS DRAWING IS A CONTROLLED DOCUMENT.		12-11-95	12-11-95	TE Connectivity
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED		
0 PLC	± -	R. SWING	12-11-95	NAME
2 PLC	± 0.13[.005]			MTA-156 HEADER ASSEMBLY, POLARIZED LOCK,
3 PLC	± -			STRAIGHT .045 SQUARE POST, .000030 GOLD PLATED
4 PLC	± -			W/RETENTION PEGS, POST NO. 2 & 3 OMITTED
ALL PLCS	± -			
MATERIAL	1	FINISH	2	SIZE N/A
WEIGHT	-	AGE CODE		DRAWING NO
				RESTRICTED TO
				A1 00779 C 644784
				CUSTOMER DRAWING
				SCALE N/A
				1 OF 1 REV G1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[644784-4](#)