



- 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 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 SOLDER SIDE OF BOARD IS SHOWN.
- 11 THE RETENTION TABS PROVIDE A ONE-TIME INTERFERENCE FIT IN THE 1.63[0.064] 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[0.000030] GOLD OR 0.000076[0.000003] MIN GOLD FLASH OVER 0.00068[0.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127[0.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 15 PLATING: BRIGHT TIN/LEAD (9/37) PLATE AREA, 0.00381-0.00889[0.000150-0.000350] THICK, ALL FOUR SIDES, 3.18 [0.125] 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 [0.005].
- 18 NOTCH SHOWN MAY OR MAY NOT APPEAR.
- 19 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [0.000150-0.000350] THICK, ALL FOUR SIDES 3.18 [0.125]. FOR 3--4 THRU 3--5.

14/18	NONE	19.69	.775	5	3-644784-5
14/18	NONE	15.72	.619	4	3-644784-4
14/18	NONE	19.69	.775	5	644784-5
14/18	NONE	15.72	.619	4	644784-4
FINISH	BACKWALL INTERRUPTION (5) BETWEEN POST	L		NO OF POSITIONS	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN J. HUFFMAN 12-11-95	TE Connectivity
0 PLC ± -	1 PLC ± -	2 PLC ± 0.13[0.005]	3 PLC ± -
4 PLC ± -	ANGLES ± -	APVD D. CLARK 12-11-95	NAME MTA-156 HEADER ASSEMBLY, POLARIZED LOCK, STRAIGHT .045 SQUARE POST, .000030 GOLD PLATED W/RETENTION PEGS, POST NO. 2 & 3 OMITTED
MATERIAL 1	FINISH 2	SIZE 114-1020	SCALE N/A
		WEIGHT -	SHEET 1 OF 1
		CUSTOMER DRAWING	REV G1