



- 1 MATERIAL  
HOUSING: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0.  
POST: COPPER ALLOY
- 2 FINISH  
HOUSING: NATURAL  
POST, SEE NOTES 14 & 15 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 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 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 GOLD PLATE AREA 0.00076 [.000030] MIN., ALL SIDES OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN., ALL SIDES AND ENTIRE LENGTH OF POST.
- 15 BRIGHT TIN-LEAD (93/7) PLATE 0.00381 (.000150") MIN THICK ALL FOUR SIDES 3.18 (.125) MIN.
- 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 MATTE TIN PLATE 0.00381 (.000150") MIN THICK ALL FOUR SIDES 3.18 (.125) MIN.

11-13	NONE	19.69	.775	5	3-644784-5
12-13	NONE	15.72	.619	4	3-644784-4
13-15	NONE	19.69	.775	5	644784-5
14-15	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.		DRN	J. HUFFMAN	12-11-95	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK	R. SWING	12-11-95	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D	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
0 PLC	± -	PRODUCT SPEC			
1 PLC	± -	APPLICATION SPEC			SIZE: A1
2 PLC	± 0.13 [.005]	WEIGHT			CAGE CODE: 00779
3 PLC	± -	CUSTOMER DRAWING			DRAWING NO: 644784
4 PLC	± -	SCALE	5:1	SHEET	1 OF 1
ANGLES	± -	REV			F
FINISH	± -				

METRIC