



- 1 POST TO WITHSTAND 13 NEWTONS [3 LBS.] MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH SOLDERABILITY SPEC. NO. 109-11-2
- 6 ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [.032-.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER UL94V-0 (NATURAL) POST-COPPER ALLOY (TIN PLATED)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- 10 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POSTS MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 3.30 [.130] MIN. WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR.
- 13 PIN BURR OF 0.13 [.005] MAX. VERTICAL AND 0.08 [.003] MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.

40.64	1.600	16	1-644876-6
30.48	1.200	12	1-644876-2
27.94	1.100	11	1-644876-1
25.40	1.000	10	1-644876-0
22.86	.900	9	644876-9
20.32	.800	8	644876-8
17.78	.700	7	644876-7
15.24	.600	6	644876-6
12.70	.500	5	644876-5
10.16	.400	4	644876-4
7.62	.300	3	644876-3
5.08	.200	2	644876-2
MM	[IN]	NO. OF POSITIONS	PART NUMBER
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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ± 0.13 [.005]	4 PLC ±	ANGLES ± 0.30°
MATERIAL		FINISH		APPLICATION SPEC		WEIGHT	
CUSTOMER DRAWING		SCALE 8:1		SHEET 1 of 1		REV D	

THIS DRAWING IS A CONTROLLED DOCUMENT. S. HAMM 15-NOV-2001. D. ROSSI 15-NOV-2001. Tyco Electronics Corporation Harrisburg, PA 17105-3608. MTA-.100 HEADER ASSEMBLY, POLARIZED, .025 SQUARE POST, RETENTIVE LEG, TIN PLATED. A1 00779 C=644876

