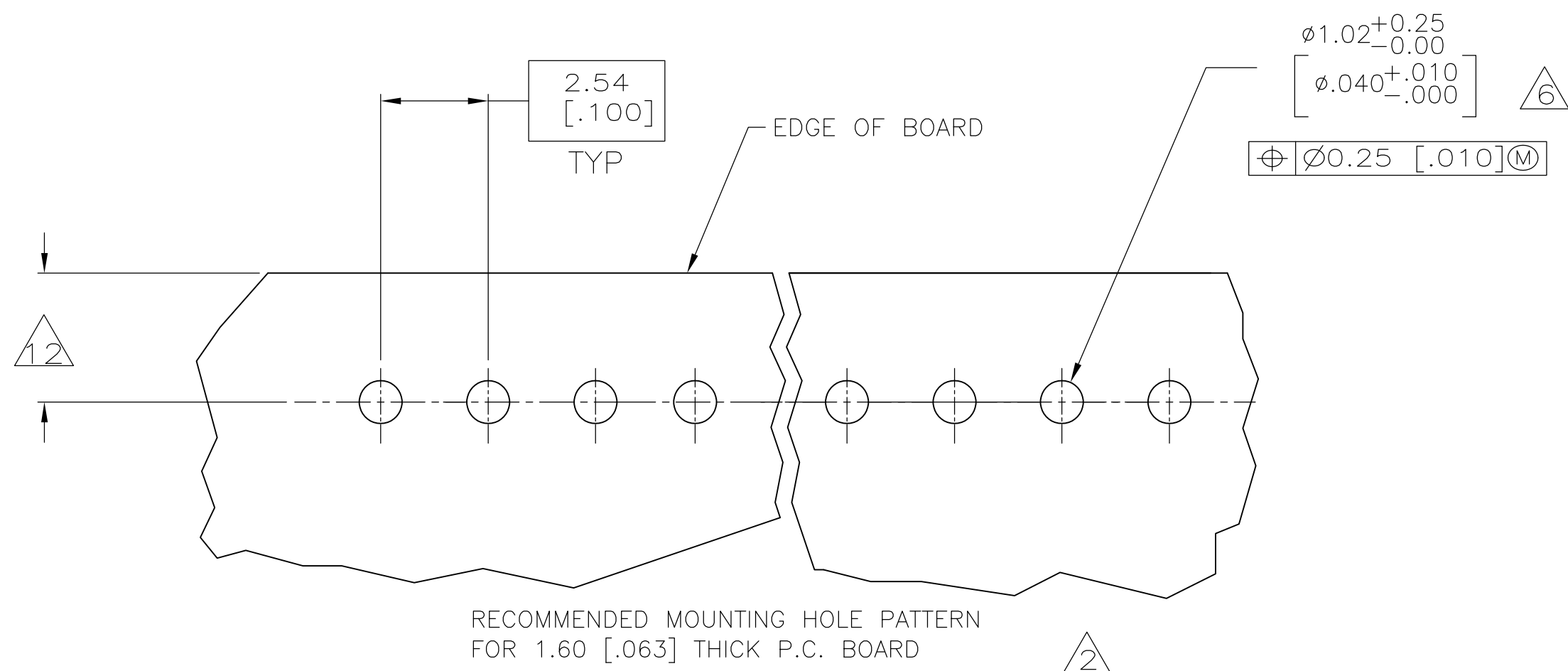




1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN
IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.

2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.

3 MEASURED AT -A-

4 PLASTIC FLASH PERMITTED IN THIS AREA.

5 PARTS COMPLY WITH AMP 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
94V-0 (NATURAL)
POST-COPPER ALLOY
FINISH-USE PLATING NOTES 13 & 14 FOR -2 THRU -28
AND NOTES 13 & 15 FOR -32 THRU -58

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 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.

12 DIMENSION SHOULD BE 2.79-4.06 [.110-.160] MIN WHEN MATING WITH
A MTA-100 CONNECTOR ASSEMBLY OR 2.79-3.05 [.110-.120] WHEN
MATING WITH A CST-100 CONNECTOR ASSEMBLY.

13 PLATING: GOLD PLATE AREA, 0.00076 [.000030] GOLD OR
0.00008 [.000003] MIN GOLD FLASH OVER 0.00068 [.000027]
PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES,
OVER NICKEL UNDERPLATE, .00127 [.000050] MIN,
ALL SIDES AND ENTIRE LENGTH OF POST.

14 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889
[.000150-.000350] THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.

15 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350]
THICK, ALL FOUR SIDES 3.56 [.140] MINIMUM.

16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

LEAD FREE	71.12 [2.800]	28	5-641216-8	 SUPERCEDED	LEAD FREE	71.12 [2.800]	28	2-641216-8
	68.58 [2.700]	27	5-641216-7			68.58 [2.700]	27	2-641216-7
	66.04 [2.600]	26	5-641216-6			66.04 [2.600]	26	2-641216-6
	63.50 [2.500]	25	5-641216-5			63.50 [2.500]	25	2-641216-5
	60.96 [2.400]	24	5-641216-4	 SUPERCEDED		60.96 [2.400]	24	2-641216-4
	58.42 [2.300]	23	5-641216-3			58.42 [2.300]	23	2-641216-3
	55.88 [2.200]	22	5-641216-2	 SUPERCEDED		55.88 [2.200]	22	2-641216-2
	53.34 [2.100]	21	5-641216-1			53.34 [2.100]	21	2-641216-1
	50.80 [2.000]	20	5-641216-0	 SUPERCEDED		50.80 [2.000]	20	2-641216-0
	48.26 [1.900]	19	4-641216-9			48.26 [1.900]	19	1-641216-9
	45.72 [1.800]	18	4-641216-8			45.72 [1.800]	18	1-641216-8
	43.18 [1.700]	17	4-641216-7			 SUPERCEDED	43.18 [1.700]	17
	40.64 [1.600]	16	4-641216-6	40.64 [1.600]			16	1-641216-6
	38.10 [1.500]	15	4-641216-5	 SUPERCEDED		38.10 [1.500]	15	1-641216-5
	35.56 [1.400]	14	4-641216-4			35.56 [1.400]	14	1-641216-4
	33.02 [1.300]	13	4-641216-3			33.02 [1.300]	13	1-641216-3
	30.48 [1.200]	12	4-641216-2			30.48 [1.200]	12	1-641216-2
	27.94 [1.100]	11	4-641216-1			27.94 [1.100]	11	1-641216-1
	25.40 [1.000]	10	4-641216-0			25.40 [1.000]	10	1-641216-0
	22.86 [900]	9	3-641216-9			22.86 [900]	9	641216-9
20.32 [800]	8	3-641216-8	20.32 [800]		8	641216-8		
17.78 [700]	7	3-641216-7	17.78 [700]	7	641216-7			
15.24 [600]	6	3-641216-6	15.24 [600]	6	641216-6			
12.70 [500]	5	3-641216-5	12.70 [500]	5	641216-5			
10.16 [400]	4	3-641216-4	10.16 [400]	4	641216-4			
7.62 [300]	3	3-641216-3	7.62 [300]	3	641216-3			
5.08 [200]	2	3-641216-2	5.08 [200]	2	641216-2			
DIM (L)		NO.OF POSN	ASSEMBLY	DIM (L)		NO.OF POSN	ASSEMBLY	

THIS DRAWING IS A CONTROLLED DOCUMENT.						OWN S. HOOVER		26-JAN-2005				TE Connectivity					
DIMENSIONS: mm [INCHES]						TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 0.13 [.005] 3 PLC ± 4 PLC ± ANGLES ±						NAME		MTA-100 HDR ASSY, FRICTION LOCK, NOTCHED, .025 SQUARE RIGHT ANGLE POST, .00030 GOLD PLATED			
												PRODUCT SPEC					
MATERIAL 						APPLICATION SPEC —						SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
												WEIGHT		—		A1	00779
FINISH 						CUSTOMER DRAWING						SCALE	8:1	SHEET	1 of 1	REV	A0

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