

D

C

B

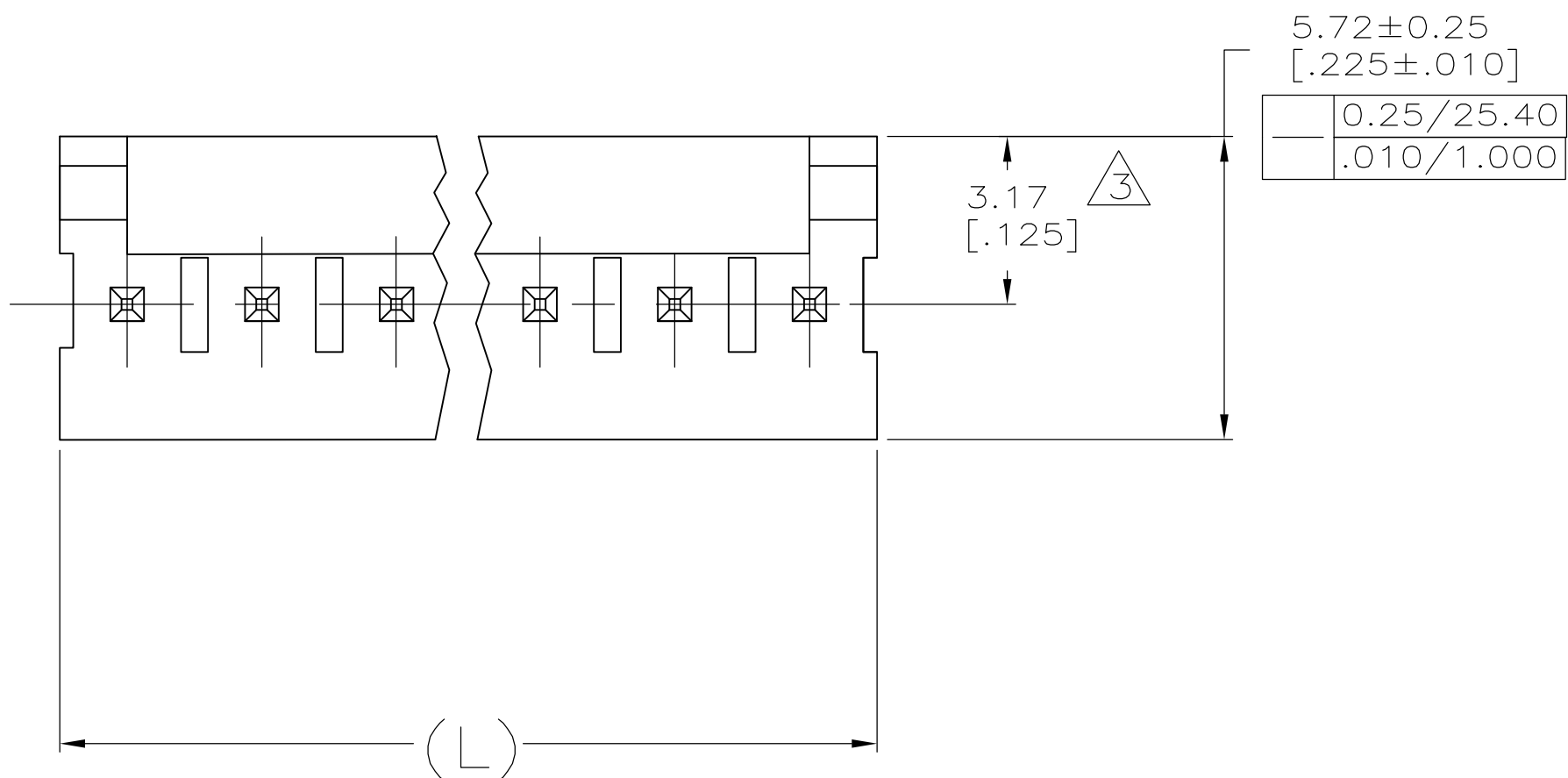
A

D

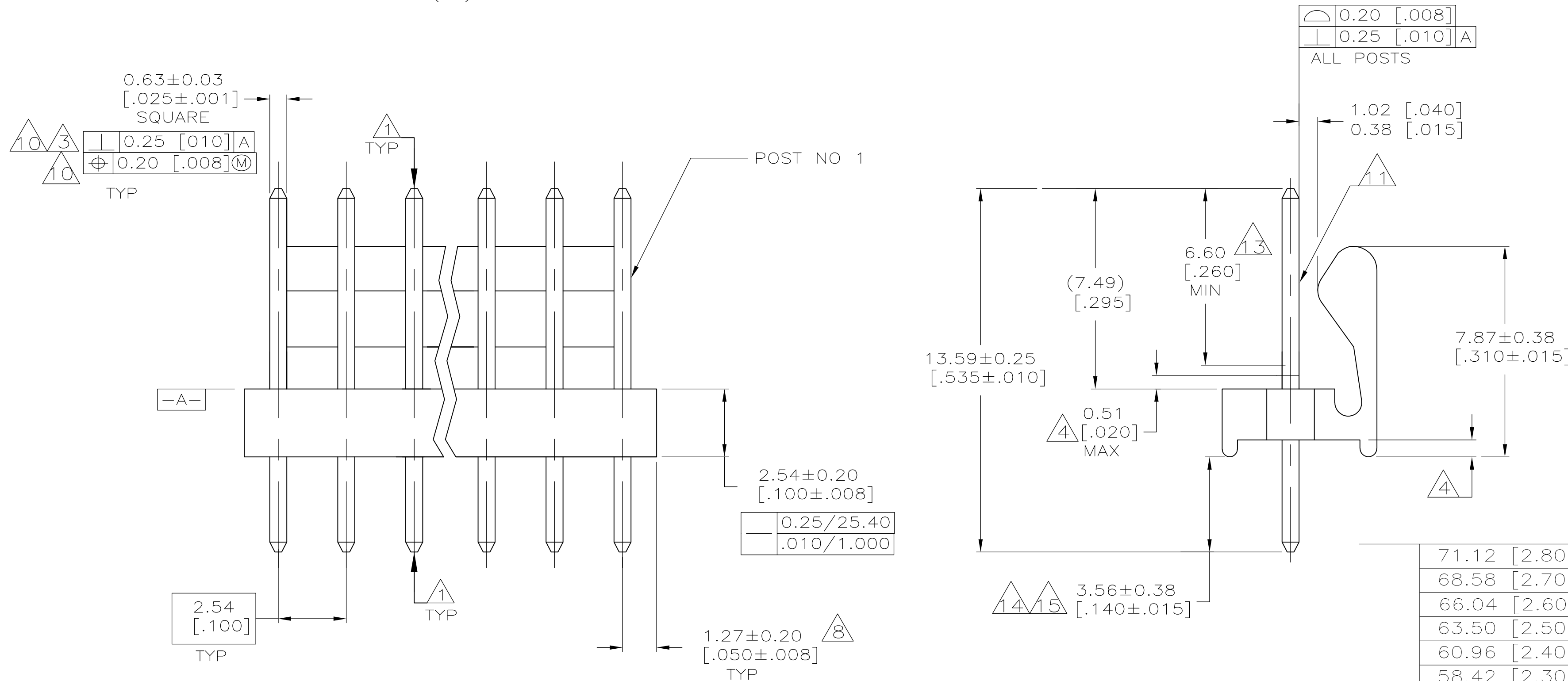
C

B

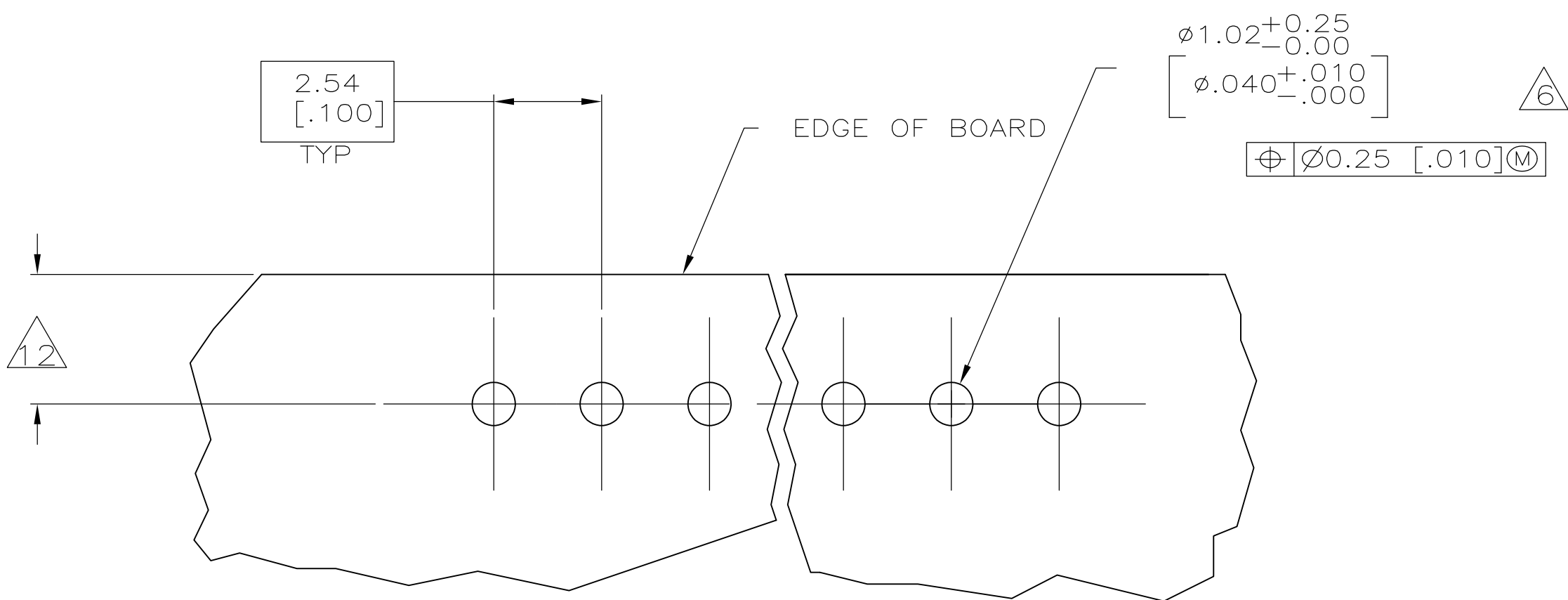
A



- 1. POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE 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 3.30 [.130] MIN WHEN MATING WITH A MTA-100 CONNECTOR ASSEMBLY OR A CST-100 CONNECTOR ASSEMBLY.
- 13. PLATING: GOLD PLATE AREA, 0.00038 [.000015] MINIMUM, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MINIMUM, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14. PLATING: BRIGHT TIN/LEAD (93/7) 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LEAD FREE	71.12	[2.800]	28	5-641126-8	71.12	[2.800]	28	2-641126-8	SUPERSEDED BY 5-641126-8
	68.58	[2.700]	27	5-641126-7	68.58	[2.700]	27	2-641126-7	SUPERSEDED BY 5-641126-7
	66.04	[2.600]	26	5-641126-6	66.04	[2.600]	26	2-641126-6	SUPERSEDED BY 5-641126-6
	63.50	[2.500]	25	5-641126-5	63.50	[2.500]	25	2-641126-5	SUPERSEDED BY 5-641126-5
	60.96	[2.400]	24	5-641126-4	60.96	[2.400]	24	2-641126-4	
	58.42	[2.300]	23	5-641126-3	58.42	[2.300]	23	2-641126-3	SUPERSEDED BY 5-641126-3
	55.88	[2.200]	22	5-641126-2	55.88	[2.200]	22	2-641126-2	SUPERSEDED BY 5-641126-2
	53.34	[2.100]	21	5-641126-1	53.34	[2.100]	21	2-641126-1	SUPERSEDED BY 5-641126-1
	50.80	[2.000]	20	5-641126-0	50.80	[2.000]	20	2-641126-0	
	48.26	[1.900]	19	4-641126-9	48.26	[1.900]	19	1-641126-9	SUPERSEDED BY 4-641126-9
	45.72	[1.800]	18	4-641126-8	45.72	[1.800]	18	1-641126-8	
	43.18	[1.700]	17	4-641126-7	43.18	[1.700]	17	1-641126-7	SUPERSEDED BY 4-641126-7
	40.64	[1.600]	16	4-641126-6	40.64	[1.600]	16	1-641126-6	
	38.10	[1.500]	15	4-641126-5	38.10	[1.500]	15	1-641126-5	
	35.56	[1.400]	14	4-641126-4	35.56	[1.400]	14	1-641126-4	
LEAD FREE	33.02	[1.300]	13	4-641126-3	33.02	[1.300]	13	4-641126-3	SUPERSEDED BY 4-641126-3
	30.48	[1.200]	12	4-641126-2	30.48	[1.200]	12	1-641126-2	
	27.94	[1.100]	11	4-641126-1	27.94	[1.100]	11	1-641126-1	
	25.40	[1.000]	10	4-641126-0	25.40	[1.000]	10	1-641126-0	
	22.86	[.900]	9	3-641126-9	22.86	[.900]	9	641126-9	
	20.32	[.800]	8	3-641126-8	20.32	[.800]	8	641126-8	
	17.78	[.700]	7	3-641126-7	17.78	[.700]	7	641126-7	
	15.24	[.600]	6	3-641126-6	15.24	[.600]	6	641126-6	
	12.70	[.500]	5	3-641126-5	12.70	[.500]	5	641126-5	
	10.16	[.400]	4	3-641126-4	10.16	[.400]	4	641126-4	
	7.62	[.300]	3	3-641126-3	7.62	[.300]	3	641126-3	
	5.08	[.200]	2	3-641126-2	5.08	[.200]	2	641126-2	
	DIM (L)	NO.OF POSN	ASSEMBLY	DIM (L)	NO.OF POSN	ASSEMBLY			

RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [.063] THICK P.C. BOARD



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± 0.13 [0.005]

1. PLC ±

2. PLC ±

3. PLC ±

4. PLC ±

ANGLES ±

MATERIAL

DWN S. HOOVER 26-JAN-2005

CHK D. BOSSI 26-JAN-2005

APVD D. BOSSI 26-JAN-2005

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME MTA-100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000015 GOLD PLATED

SIZE CAGE CODE DRAWING NO A1 00779

REV 2