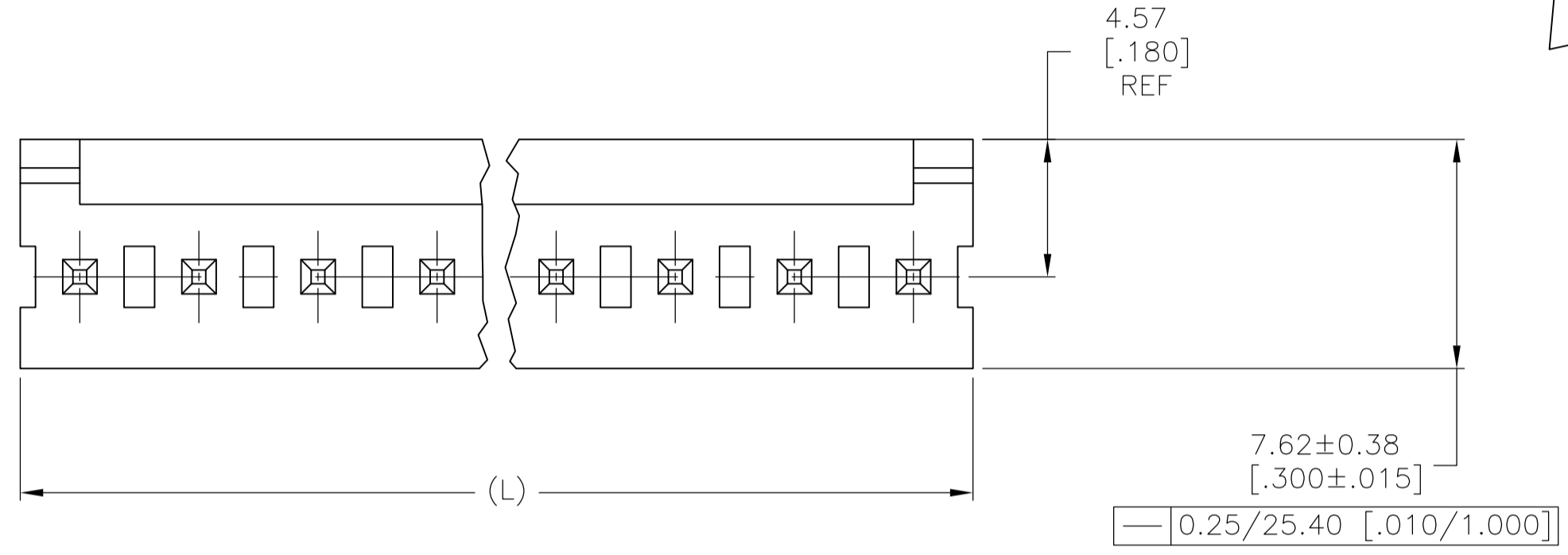
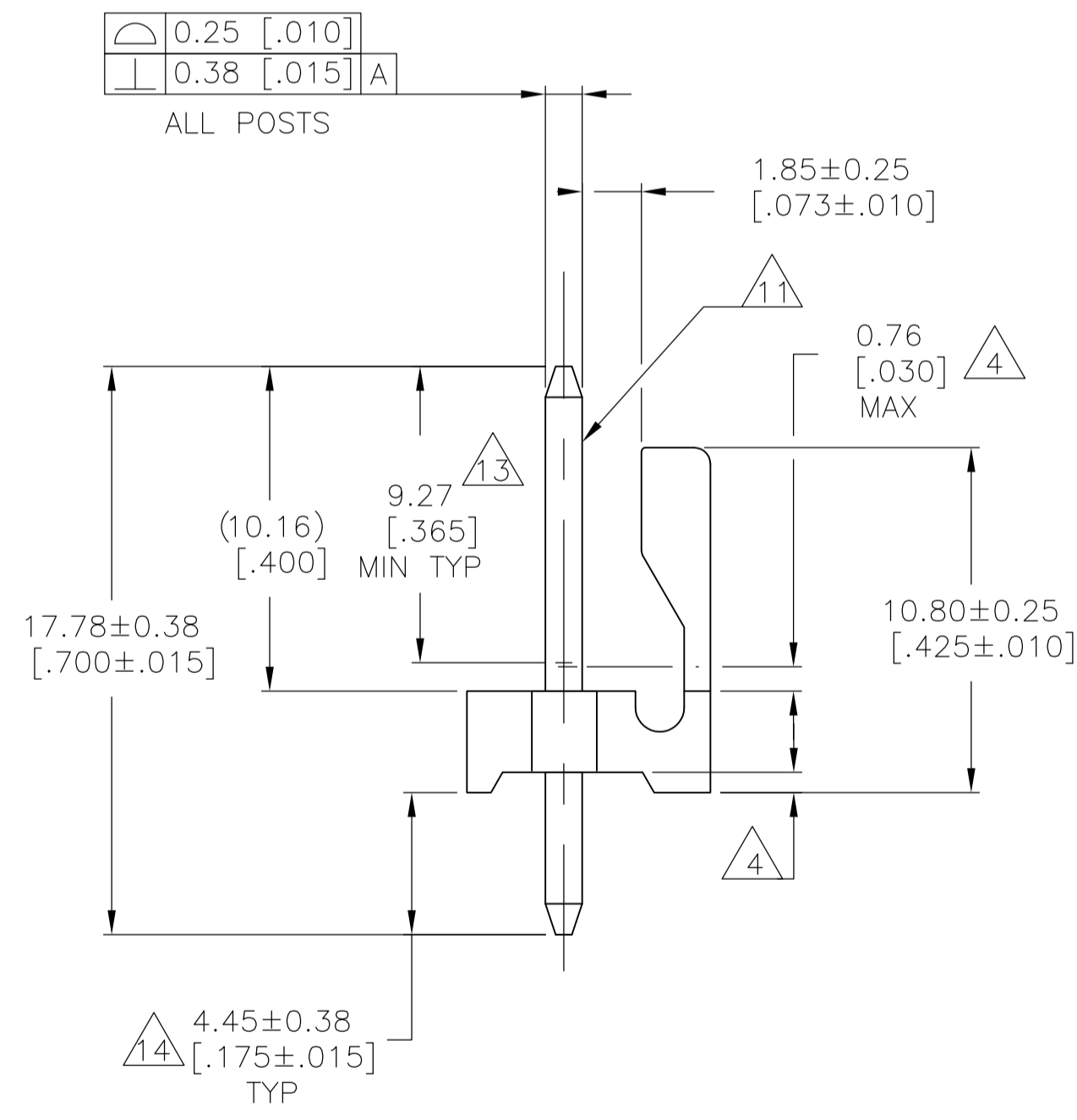
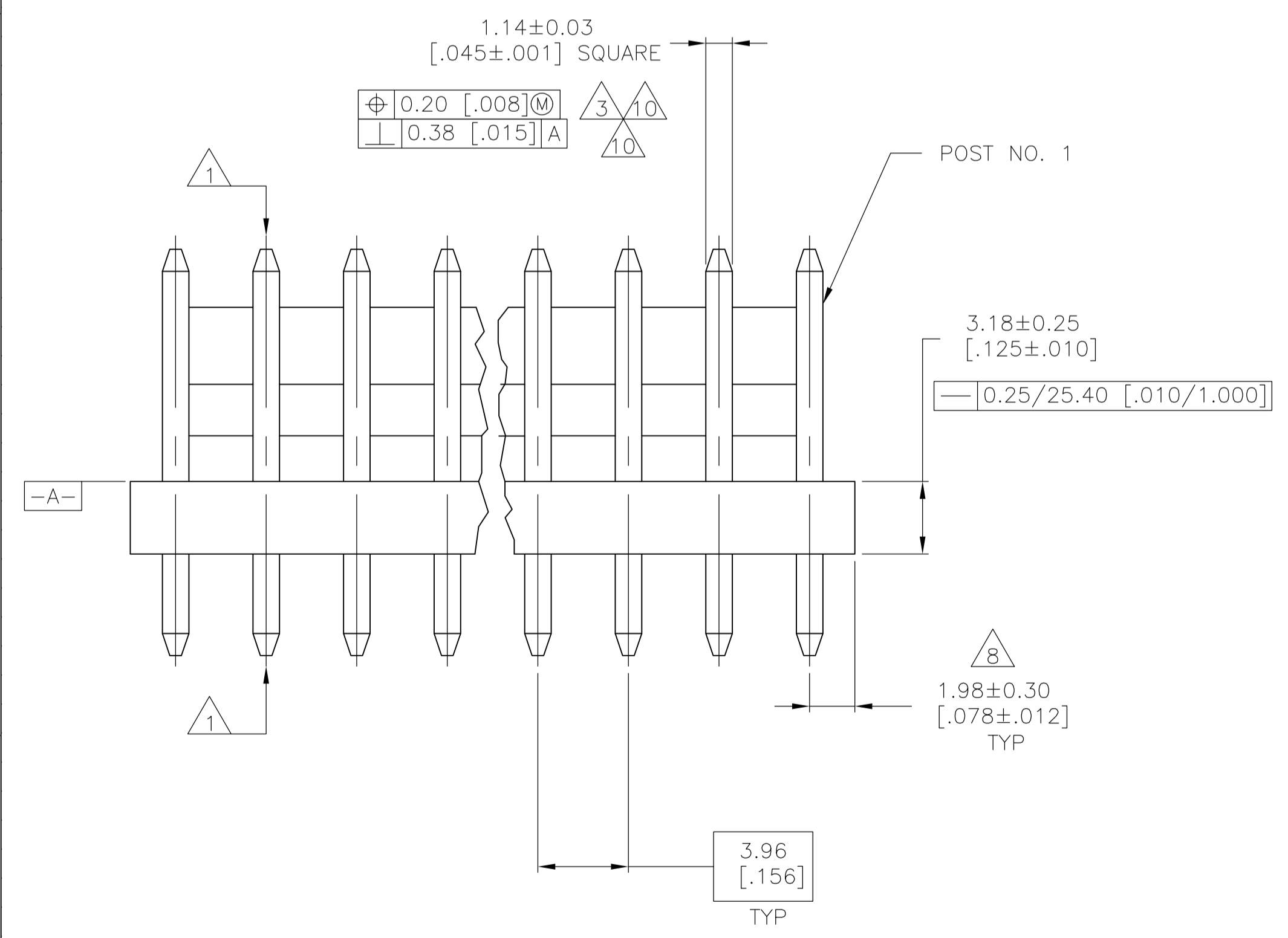


RECOMMENDED MOUNTING HOLE PATTERN
 Ⓜ FOR 2.77±0.40 [.109±0.016] THICK P.C. BOARD



- 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 SURFACE -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 1.65/1.52 [.065/.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- 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 POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 11 POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- 12 DIMENSION SHOULD BE 4.45 [.175] MIN WHEN MATING WITH A MTA .156 CONNECTOR ASSEMBLY OR A SL-.156 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: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 4.45 [.175] MINIMUM FOR -2 THRU -24. MATTE TIN PLATE AREA 0.00381-0.00889 [.000150-.000350] THICK ALL FOUR SIDES, 4.45 [.175] FOR -32 THRU -54.
- 15 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 16 OBSOLETE PART NUMBER



LEAD FREE	95.10 [3.744]	24	5-644759-4
	91.14 [3.588]	23	5-644759-3
	87.17 [3.432]	22	5-644759-2
	83.21 [3.276]	21	5-644759-1
	79.25 [3.120]	20	5-644759-0
	75.29 [2.964]	19	4-644759-9
	71.32 [2.808]	18	4-644759-8
	67.36 [2.652]	17	4-644759-7
	63.40 [2.496]	16	4-644759-6
	59.44 [2.340]	15	4-644759-5
	55.47 [2.184]	14	4-644759-4
	51.51 [2.028]	13	4-644759-3
	47.55 [1.872]	12	4-644759-2
	43.59 [1.716]	11	4-644759-1
	39.62 [1.560]	10	4-644759-0
	DIM (L)	NO.OF POSN	ASSEMBLY

LEAD FREE	95.10 [3.744]	24	15	2-644759-4
	91.14 [3.588]	23	15	2-644759-3
	87.17 [3.432]	22	15	2-644759-2
	83.21 [3.276]	21	15	2-644759-1
	79.25 [3.120]	20	15	2-644759-0
	75.29 [2.964]	19	15	1-644759-9
	71.32 [2.808]	18	15	1-644759-8
	67.36 [2.652]	17	15	1-644759-7
	63.40 [2.496]	16	15	1-644759-6
	59.44 [2.340]	15	15	1-644759-5
	55.47 [2.184]	14	15	1-644759-4
	51.51 [2.028]	13	15	1-644759-3
	47.55 [1.872]	12	15	1-644759-2
	43.59 [1.716]	11	15	1-644759-1
	39.62 [1.560]	10	15	1-644759-0
	35.66 [1.404]	9	16	644759-9
31.70 [1.248]	8	16	644759-8	
27.74 [1.092]	7	15	644759-7	
23.77 [0.936]	6	15	644759-6	
19.81 [0.780]	5	15	644759-5	
15.85 [0.624]	4	15	644759-4	
11.89 [0.468]	3	16	644759-3	
7.92 [0.312]	2	16	644759-2	
DIM (L)	NO.OF POSN	ASSEMBLY		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 07NOV02	TE Connectivity
0 PLC ± -	1 PLC ± -	APVD D. ROSSI 07NOV02	NAME
2 PLC ± ± 0.13 [.005]	3 PLC ± ± -	PRODUCT SPEC	MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 SQUARE POST, .000030 GOLD, SPECIAL
4 PLC ± ± -	ANGLES ± ± -	APPLICATION SPEC	SIZE CASE CODE DRAWING NO RESTRICTED TO
MATERIAL	FINISH	WEIGHT	A1 00779 644759
		CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 1 REV G2