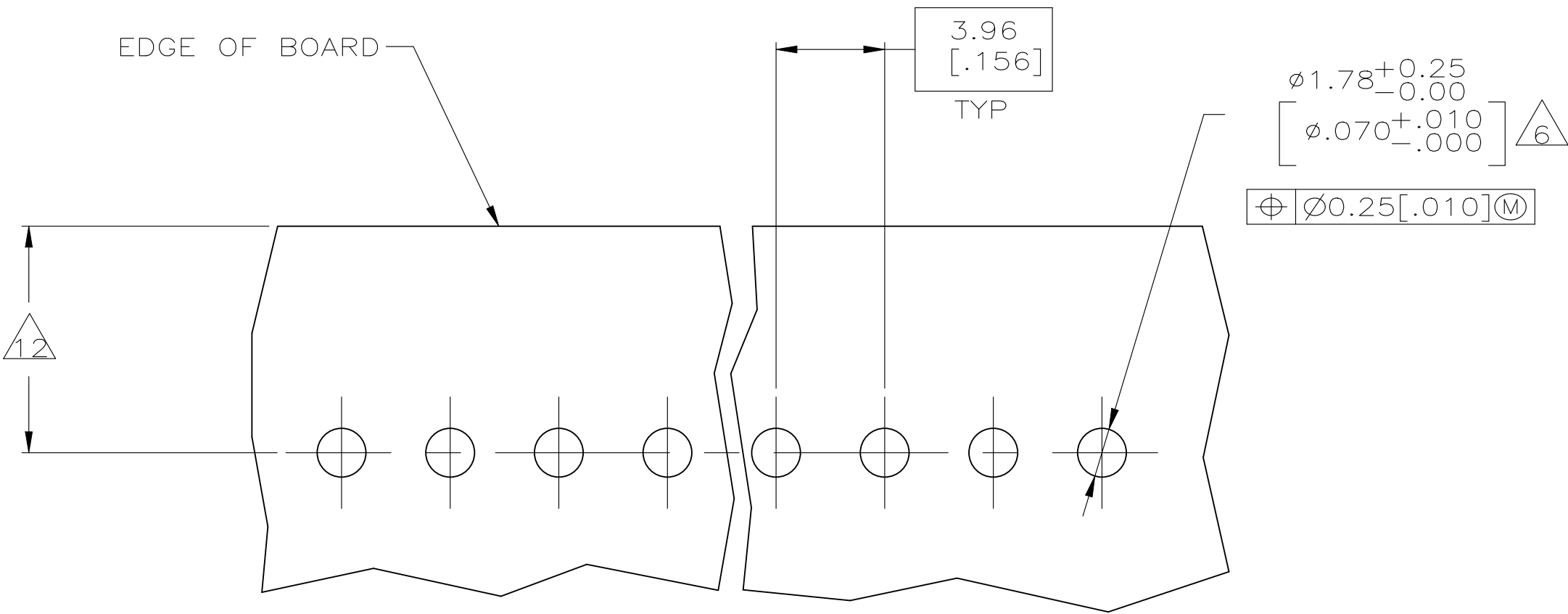


D

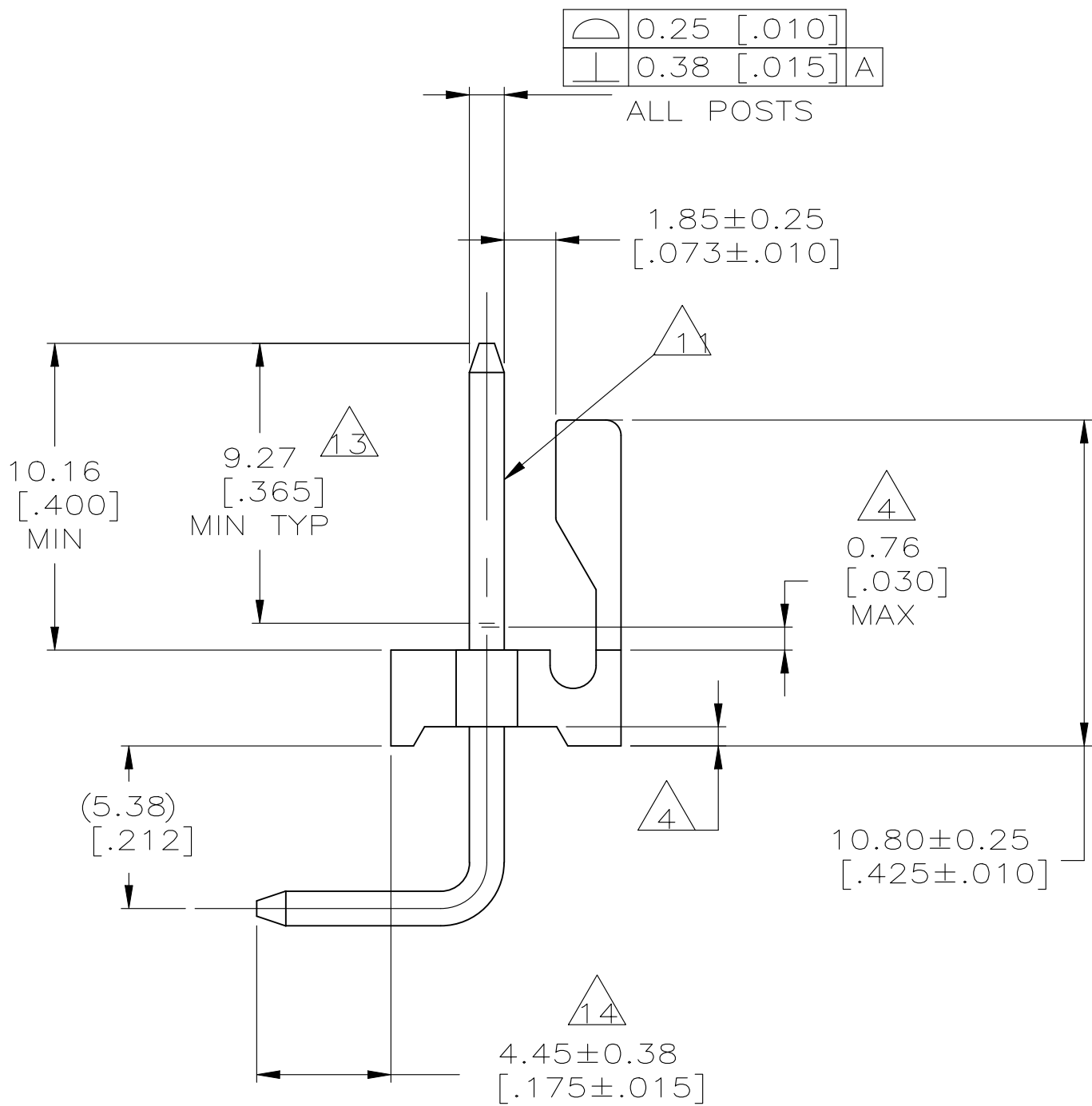
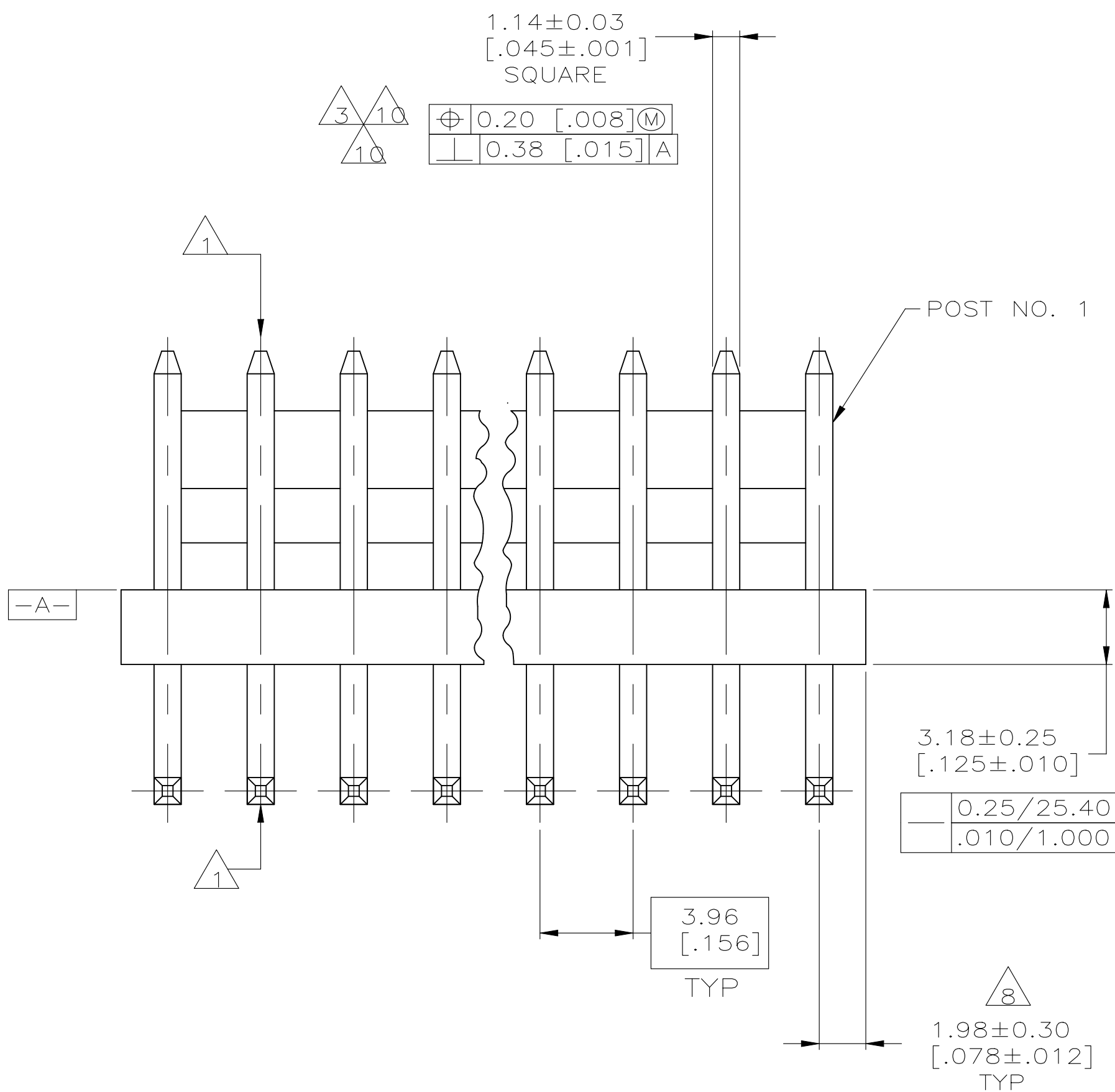
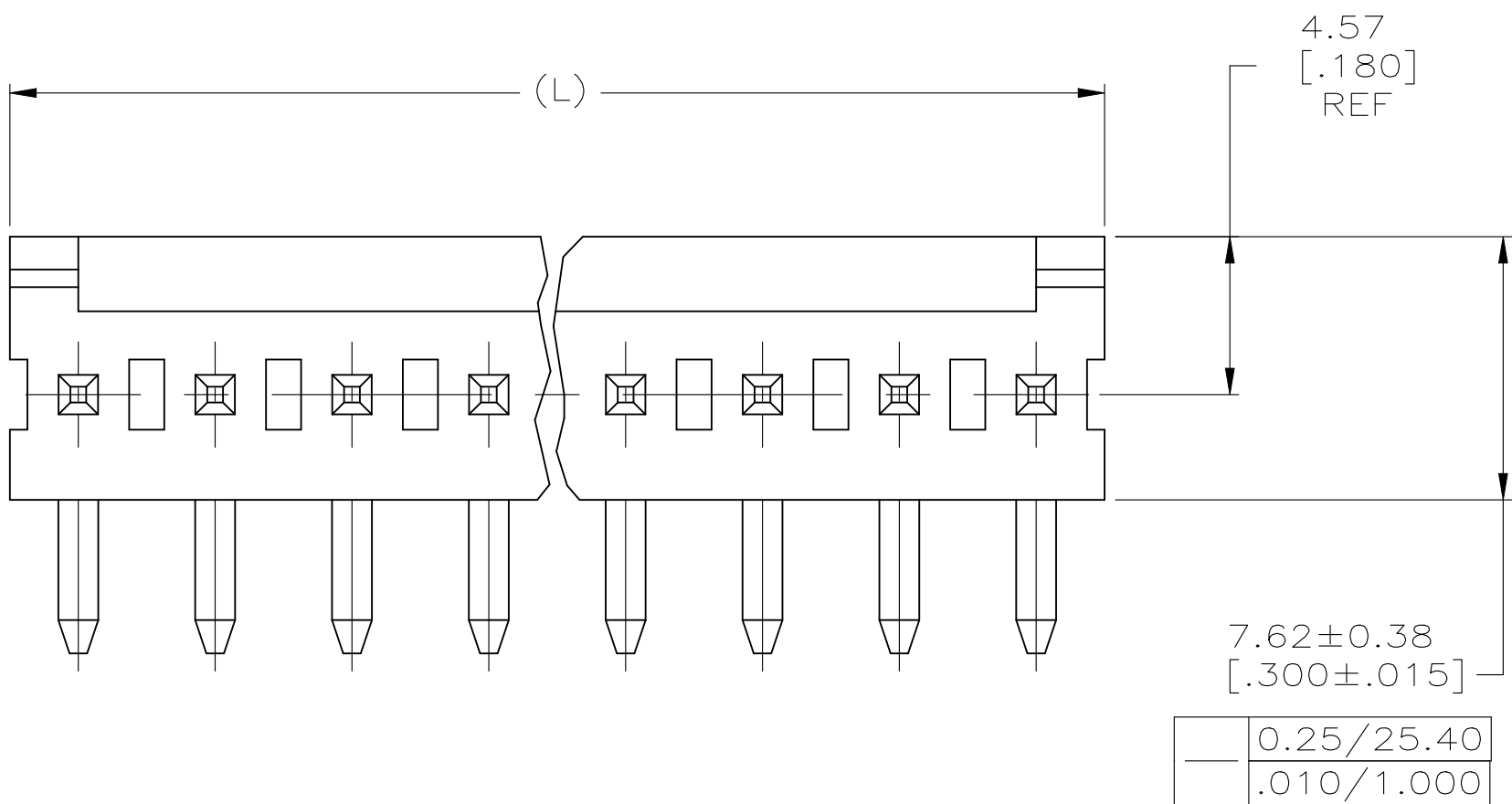
C

B

A



$\textcircled{G1}$ RECOMMENDED MOUNTING HOLE PATTERN
FOR .109±0.016 THICK P.C. BOARD $\triangle 2$



LEAD FREE	95.10	[3.744]	24	5-644768-4
	91.14	[3.588]	23	5-644768-3
	87.17	[3.432]	22	5-644768-2
	83.21	[3.276]	21	5-644768-1
	79.25	[3.120]	20	5-644768-0
	75.29	[2.964]	19	4-644768-9
	71.32	[2.808]	18	4-644768-8
	67.36	[2.652]	17	4-644768-7
	63.40	[2.496]	16	4-644768-6
	59.44	[2.340]	15	4-644768-5
	55.47	[2.184]	14	4-644768-4
	51.51	[2.028]	13	4-644768-3
	47.55	[1.872]	12	4-644768-2
	43.59	[1.716]	11	4-644768-1
	39.62	[1.560]	10	4-644768-0
	35.66	[1.404]	9	3-644768-9
	31.70	[1.248]	8	3-644768-8
DIM (L)	27.74	[1.092]	7	3-644768-7
	23.77	[.936]	6	3-644768-6
NO.OF POSN	19.81	[.780]	5	3-644768-5
	15.85	[.624]	4	3-644768-4
ASSEMBLY	11.89	[.468]	3	3-644768-3
	7.92	[.312]	2	3-644768-2

SUPERSEDED	95.10	[3.744]	24	2-644768-4
	91.14	[3.588]	23	2-644768-3
	87.17	[3.432]	22	2-644768-2
	83.21	[3.276]	21	2-644768-1
	79.25	[3.120]	20	2-644768-0
	75.29	[2.964]	19	1-644768-9
	71.32	[2.808]	18	1-644768-8
	67.36	[2.652]	17	1-644768-7
	63.40	[2.496]	16	1-644768-6
	59.44	[2.340]	15	1-644768-5
	55.47	[2.184]	14	1-644768-4
	51.51	[2.028]	13	1-644768-3
	47.55	[1.872]	12	1-644768-2
	43.59	[1.716]	11	1-644768-1
	39.62	[1.560]	10	1-644768-0
	35.66	[1.404]	9	644768-9
	31.70	[1.248]	8	644768-8
CONTAINS LEAD	27.74	[1.092]	7	644768-7
	23.77	[.936]	6	644768-6
$\triangle 15$	19.81	[.780]	5	644768-5
	15.85	[.624]	4	644768-4
DIM (L)	11.89	[.468]	3	644768-3
	7.92	[.312]	2	644768-2
NO.OF POSN				
ASSEMBLY				

- $\triangle 1$ POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- $\triangle 2$ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- $\triangle 3$ MEASURED AT SURFACE ---A---
- $\triangle 4$ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- $\triangle 6$ ONE HOLE MAY BE UNDERSIZED 1.65/1.52 [.065/.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- $\triangle 7$ MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL)
POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- $\triangle 8$ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- $\triangle 10$ POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- $\triangle 11$ POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- $\triangle 12$ DIMENSION SHOULD BE 8.26-10.16 [.325-.400] MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR 8.26-8.76 [.325-.345] MIN WHEN MATING WITH A SL-156 CONNECTOR ASSEMBLY.
- $\triangle 13$ PLATING: GOLD PLATE AREA, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] PALLADIUM NICKEL, ONLY IN FUNCTIONAL CONTACT AREA AND OTHER AREAS WITH OPTIMIZED THICKNESS PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- $\triangle 14$ 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.
- $\triangle 15$ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. HOOVER 07NOV02	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 07NOV02		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 07NOV02	NAME	
0. PLC ± -		PRODUCT SPEC	MTA-156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, FRONT BEND, .045 SQUARE POST, .000015 GOLD, SPECIAL	
1. PLC ± -		APPLICATION SPEC	SIZE	
2. PLC ± 0.13[.005]		WEIGHT	CAGE CODE	
3. PLC ± -		DRAWING NO.		RESTRICTED TO
4. PLC ± -		A100779		
ANGLES		C=644768		
FINISH		CUSTOMER DRAWING		SCALE 5:1 SHEET 1 OF 1 REV H