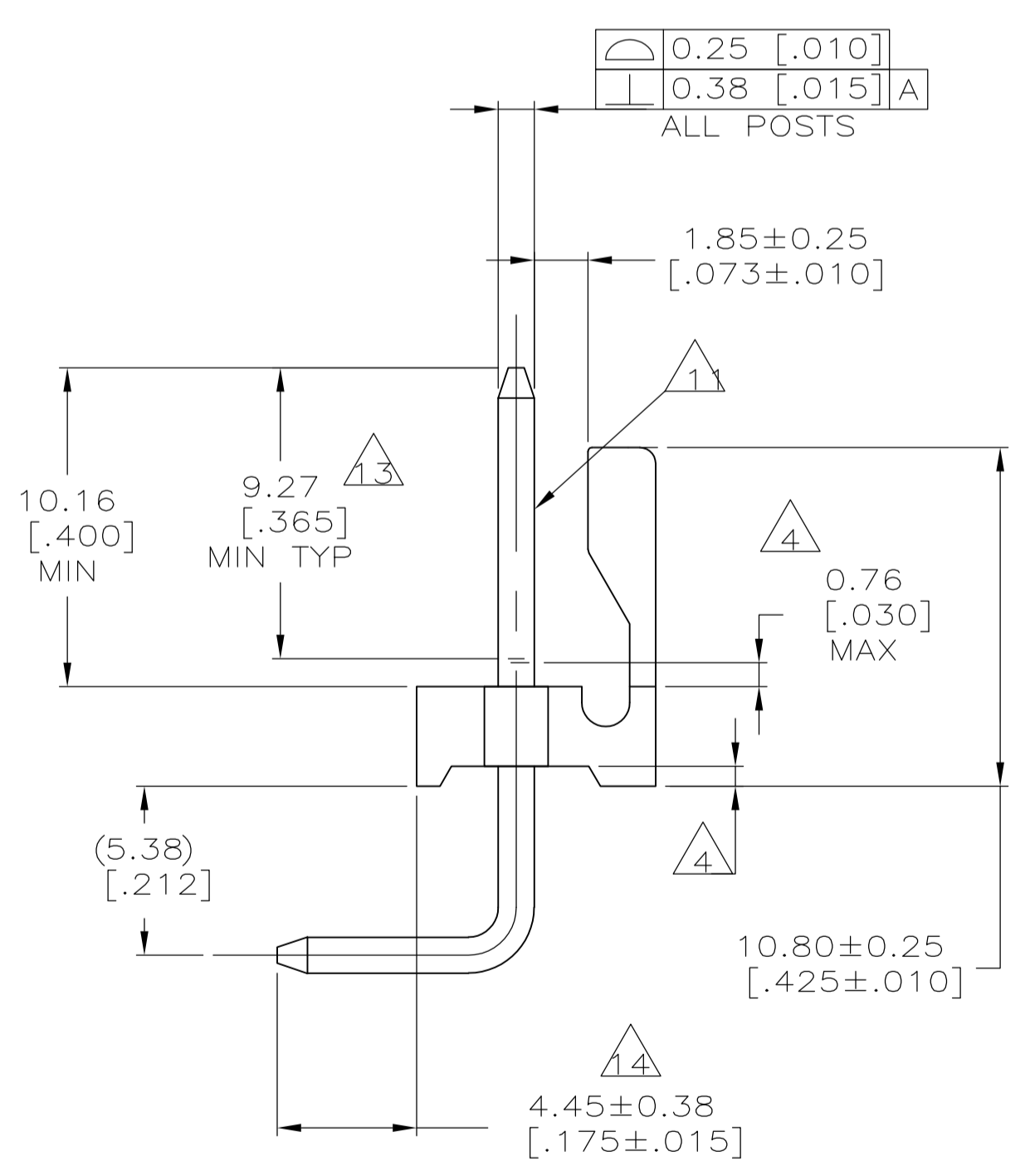
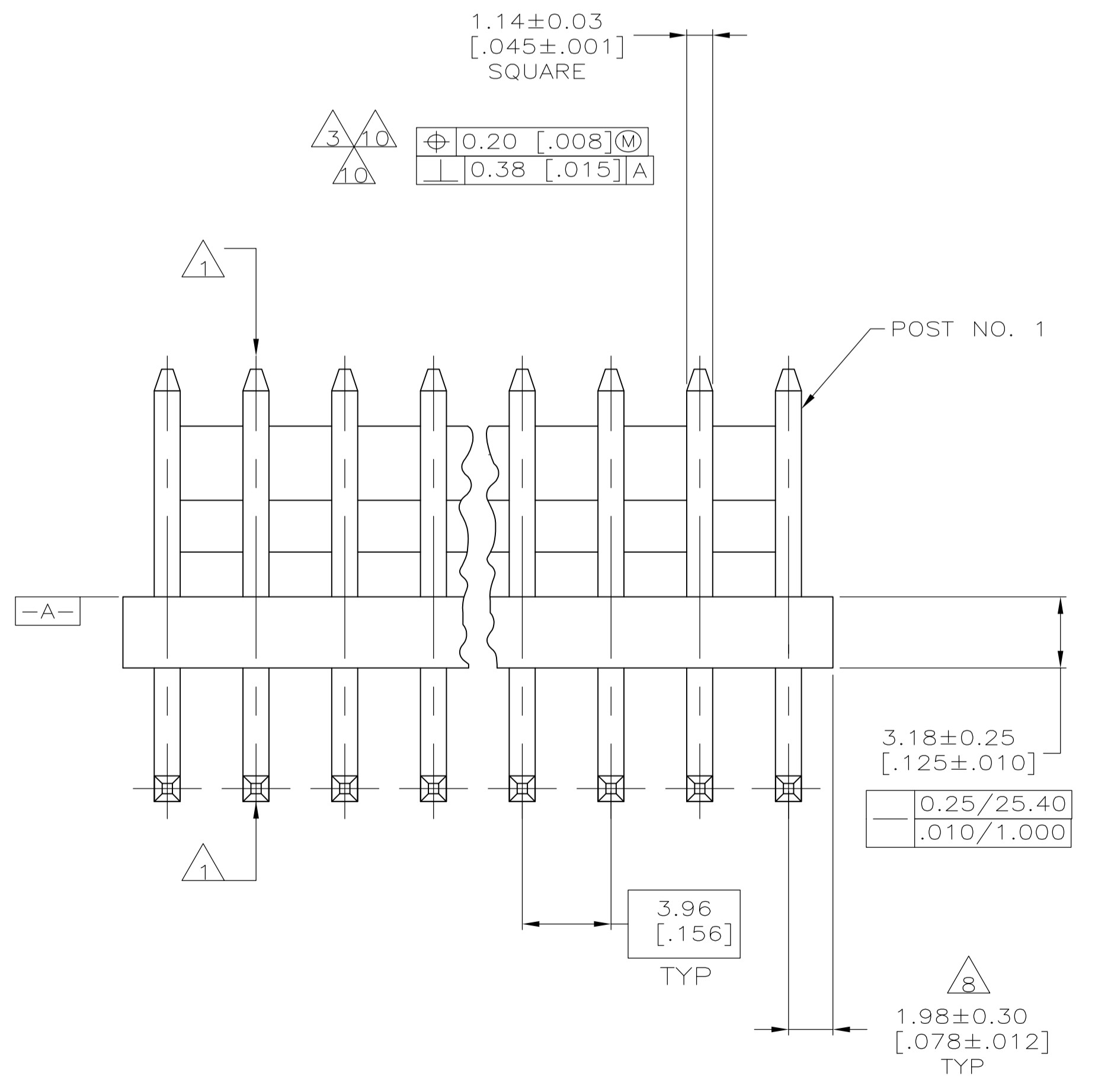
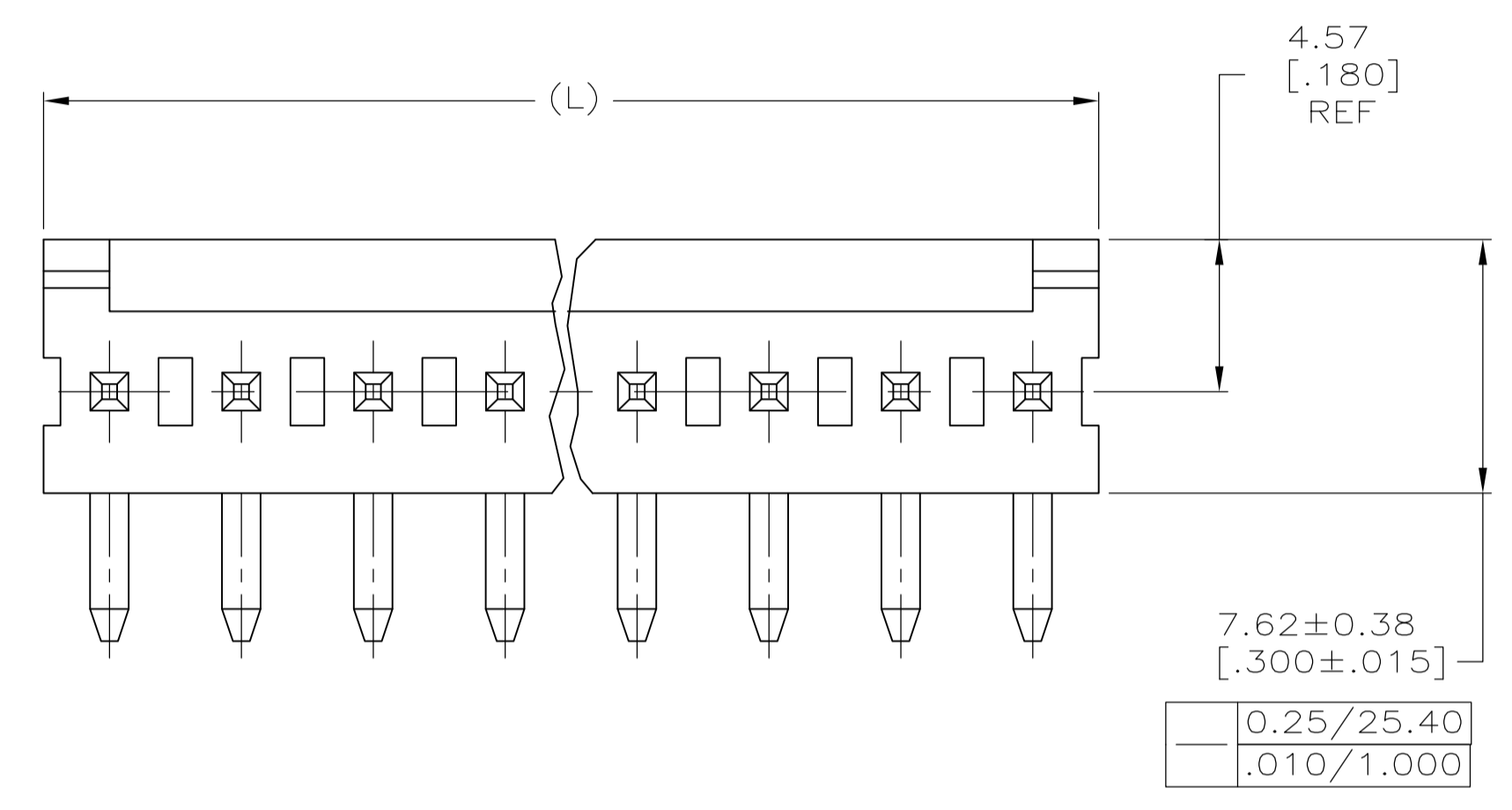


RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [.063] THICK P.C. BOARD $\Delta 2$



DIM (L)	NO. OF POSN	ASSEMBLY
95.10 [3.744]	24	5-644761-4
91.14 [3.588]	23	5-644761-3
87.17 [3.432]	22	5-644761-2
83.21 [3.276]	21	5-644761-1
79.25 [3.120]	20	5-644761-0
75.29 [2.964]	19	4-644761-9
71.32 [2.808]	18	4-644761-8
67.36 [2.652]	17	4-644761-7
63.40 [2.496]	16	4-644761-6
59.44 [2.340]	15	4-644761-5
55.47 [2.184]	14	4-644761-4
51.51 [2.028]	13	4-644761-3
47.55 [1.872]	12	4-644761-2
43.59 [1.716]	11	4-644761-1
39.62 [1.560]	10	4-644761-0
35.66 [1.404]	9	3-644761-9
31.70 [1.248]	8	3-644761-8
27.74 [1.092]	7	3-644761-7
23.77 [.936]	6	3-644761-6
19.81 [.780]	5	3-644761-5
15.85 [.624]	4	3-644761-4
11.89 [.468]	3	3-644761-3
7.92 [.312]	2	3-644761-2

DIM (L)	NO. OF POSN	ASSEMBLY
95.10 [3.744]	24	$\Delta 15$ 2-644761-4
91.14 [3.588]	23	$\Delta 15$ 2-644761-3
87.17 [3.432]	22	$\Delta 15$ 2-644761-2
83.21 [3.276]	21	$\Delta 15$ 2-644761-1
79.25 [3.120]	20	$\Delta 15$ 2-644761-0
75.29 [2.964]	19	$\Delta 15$ 1-644761-9
71.32 [2.808]	18	$\Delta 15$ 1-644761-8
67.36 [2.652]	17	$\Delta 15$ 1-644761-7
63.40 [2.496]	16	$\Delta 15$ 1-644761-6
59.44 [2.340]	15	$\Delta 15$ 1-644761-5
55.47 [2.184]	14	$\Delta 15$ 1-644761-4
51.51 [2.028]	13	$\Delta 15$ 1-644761-3
47.55 [1.872]	12	$\Delta 15$ 1-644761-2
43.59 [1.716]	11	$\Delta 15$ 1-644761-1
39.62 [1.560]	10	$\Delta 15$ 1-644761-0
35.66 [1.404]	9	$\Delta 15$ 644761-9
31.70 [1.248]	8	$\Delta 15$ 644761-8
27.74 [1.092]	7	$\Delta 15$ 644761-7
23.77 [.936]	6	$\Delta 15$ 644761-6
19.81 [.780]	5	$\Delta 15$ 644761-5
15.85 [.624]	4	$\Delta 15$ 644761-4
11.89 [.468]	3	$\Delta 15$ 644761-3
7.92 [.312]	2	$\Delta 15$ 644761-2

- $\Delta 1$ POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- $\Delta 2$ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- $\Delta 3$ MEASURED AT SURFACE ΔA .
- $\Delta 4$ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- $\Delta 6$ ONE HOLE MAY BE UNDERSIZED 1.65/1.52 [.065/.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- $\Delta 7$ MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- $\Delta 8$ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- $\Delta 10$ POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- $\Delta 11$ POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- $\Delta 12$ 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.
- $\Delta 13$ 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, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- $\Delta 14$ 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.
- $\Delta 15$ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 07NOV02	TE Connectivity
ϕ	0 PLC ± -	CHK: D. ROSSI 07NOV02	NAME: MTA-156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, FRONT BEND, .045 SQUARE POST, .000030 GOLD, SPECIAL
ϕ	1 PLC ± -	APVD: D. ROSSI 07NOV02	APPLICATION SPEC
ϕ	2 PLC ± 0.13[.005]		SIZE: A1
ϕ	3 PLC ± -		CAGE CODE: 644761
ϕ	4 PLC ± -		RESTRICTED TO
ANGLES	± -		WEIGHT: -
MATERIAL	FINISH		CUSTOMER DRAWING

SCALE: 5:1 SHEET 1 OF 1 REV G