



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



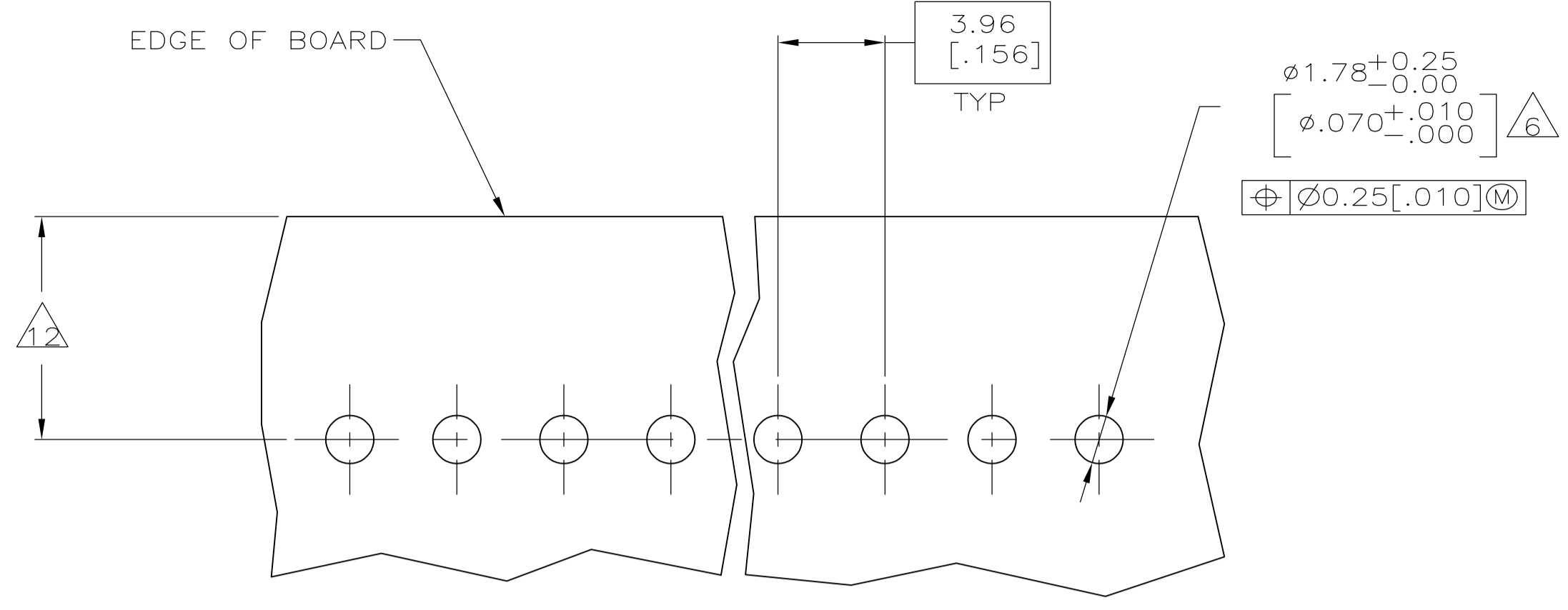
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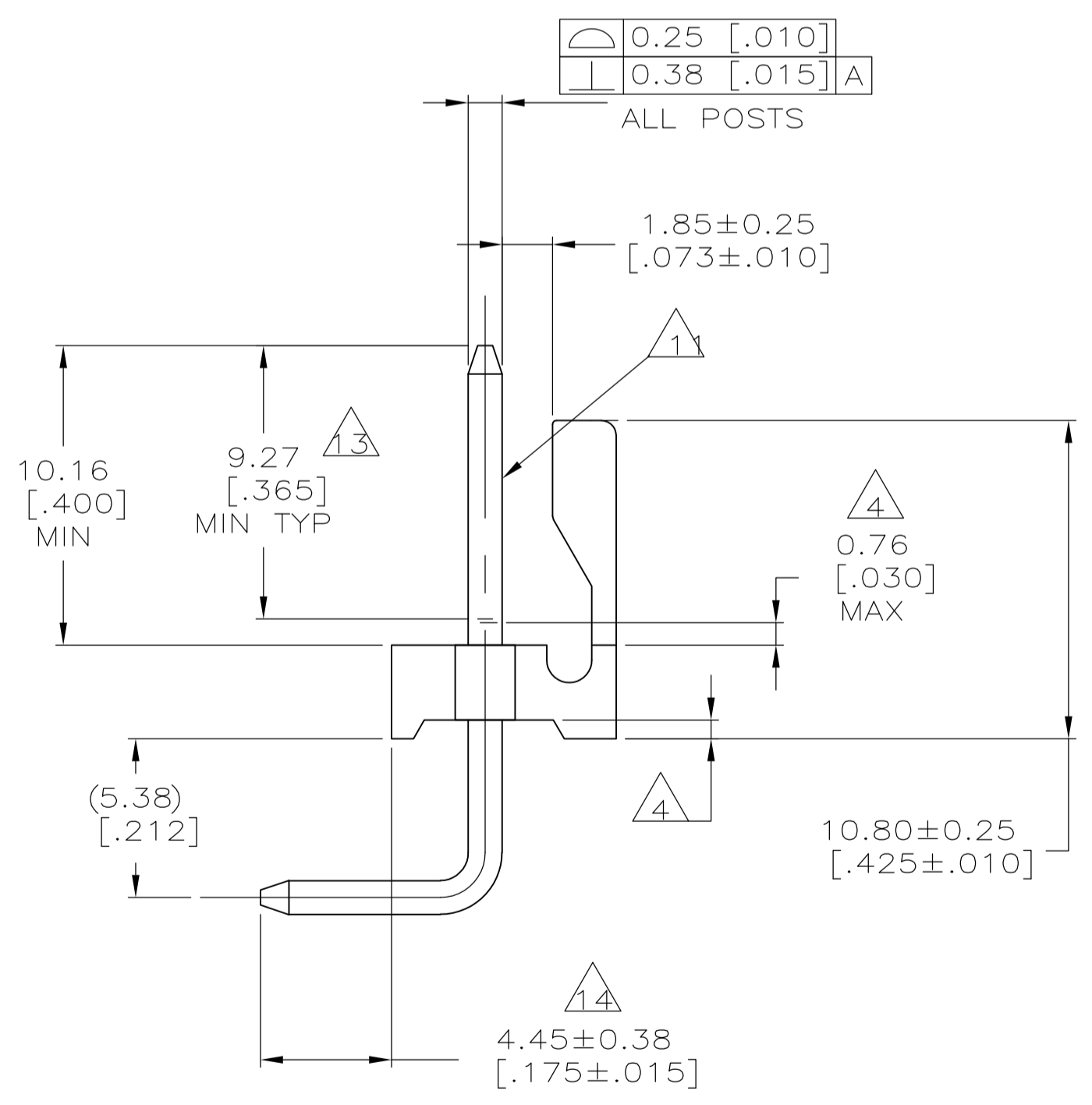
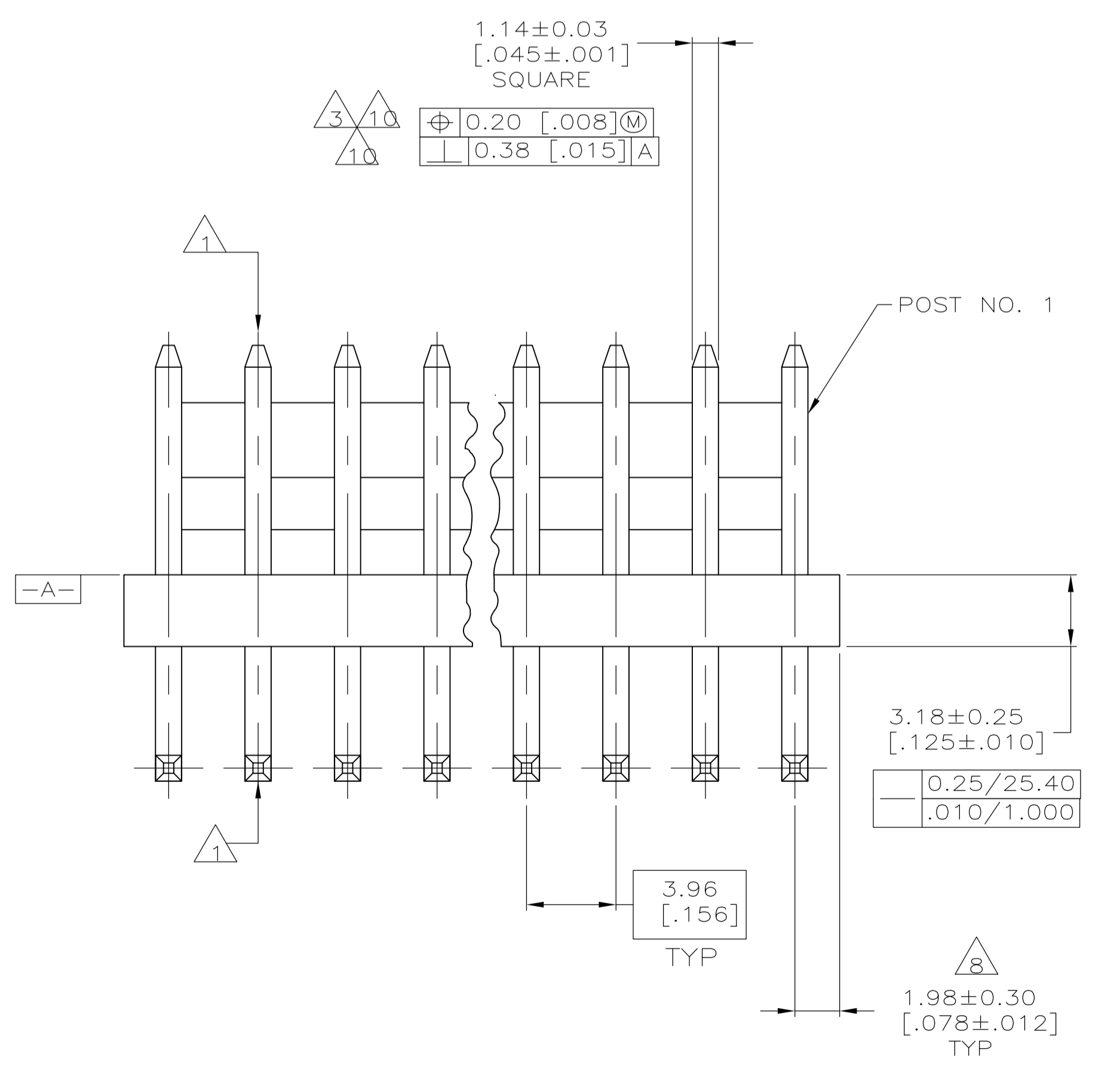
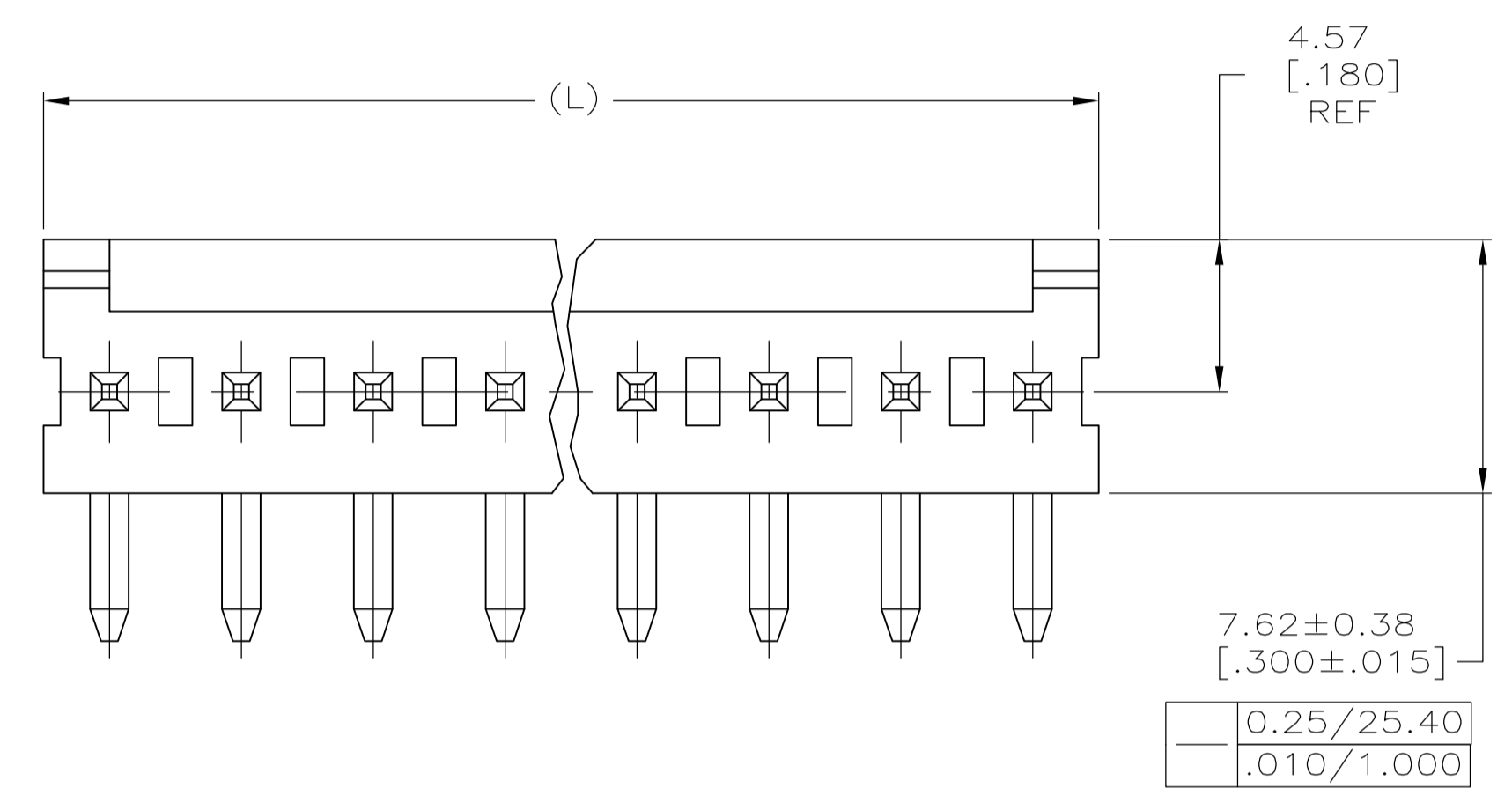
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RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [.063] THICK P.C. BOARD $\Delta 2$



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
27.74 [1.092]	7	3-644768-7
23.77 [.936]	6	3-644768-6
19.81 [.780]	5	3-644768-5
15.85 [.624]	4	3-644768-4
11.89 [.468]	3	3-644768-3
7.92 [.312]	2	3-644768-2
DIM (L)	NO. OF POSN	ASSEMBLY

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
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39.62 [1.560]	10	1-644768-0
35.66 [1.404]	9	644768-9
31.70 [1.248]	8	644768-8
27.74 [1.092]	7	644768-7
23.77 [.936]	6	644768-6
19.81 [.780]	5	644768-5
15.85 [.624]	4	644768-4
11.89 [.468]	3	644768-3
7.92 [.312]	2	644768-2
DIM (L)	NO. OF POSN	ASSEMBLY

- $\Delta 1$ 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 $[-A-]$
- $\Delta 4$ 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, 0.00038 [.000015] GOLD OR 0.00008 [.000003] MIN GOLD FLASH OVER 0.00030 [.000012] 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

METRIC

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, .000015 GOLD, SPECIAL
ϕ	1. PLC ± -	APVD: D. ROSSI 07NOV02	APPLICATION SPEC
ϕ	2. PLC ± 0.13[.005]	SIZE: A1	CAGE CODE: 644768
ϕ	3. PLC ± -	WEIGHT: -	RESTRICTED TO: -
ϕ	4. PLC ± -	CUSTOMER DRAWING	SCALE: 5:1 SHEET: 1 OF 1 REV: G
ANGLES	FINISH		