

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
CM	00	AE	REVISED	PER ECO-12-016927	04OCT12	SM

- 1

POST TO WITHSTAND 13 NEWTONS (3LBS.) 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 8.25-10.16 [.325-.400] WHEN MATING WITH A MTA 156 CONNECTOR ASSEMBLY OR 8.25-10.16 [.325-.345] WHEN MATING WITH 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, 0.00127 [.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 14

BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.0089 [.000150-.000350] THICK, ALL FOUR SIDES, 3.18 [.125] MINIMUM.
- 15

MATTE TIN PLATE AREA, [0.00381-0.0089] [.000150-.000350] THICK, ALL FOUR SIDES, 3.18 [.125] MINIMUM.
- 16

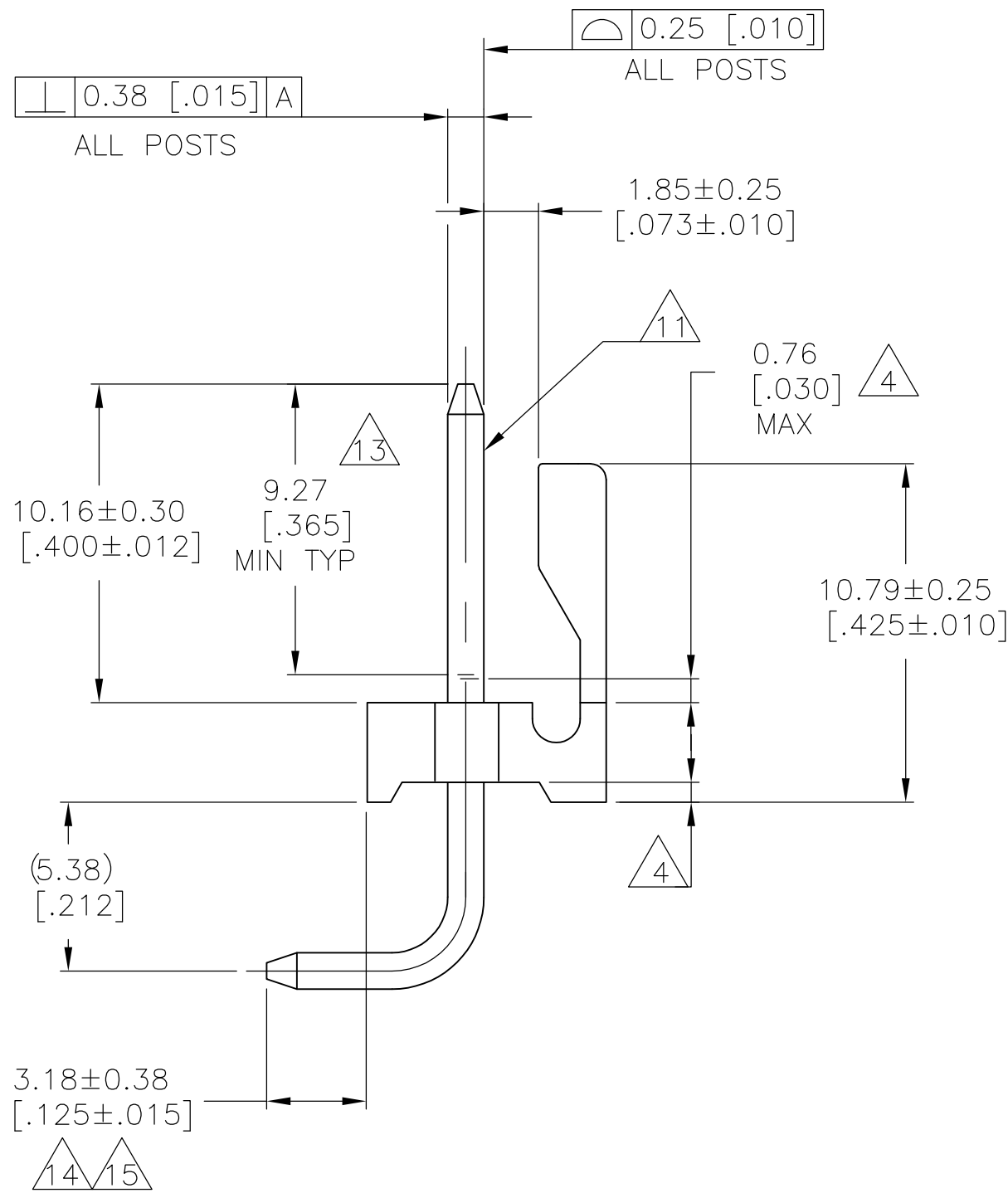
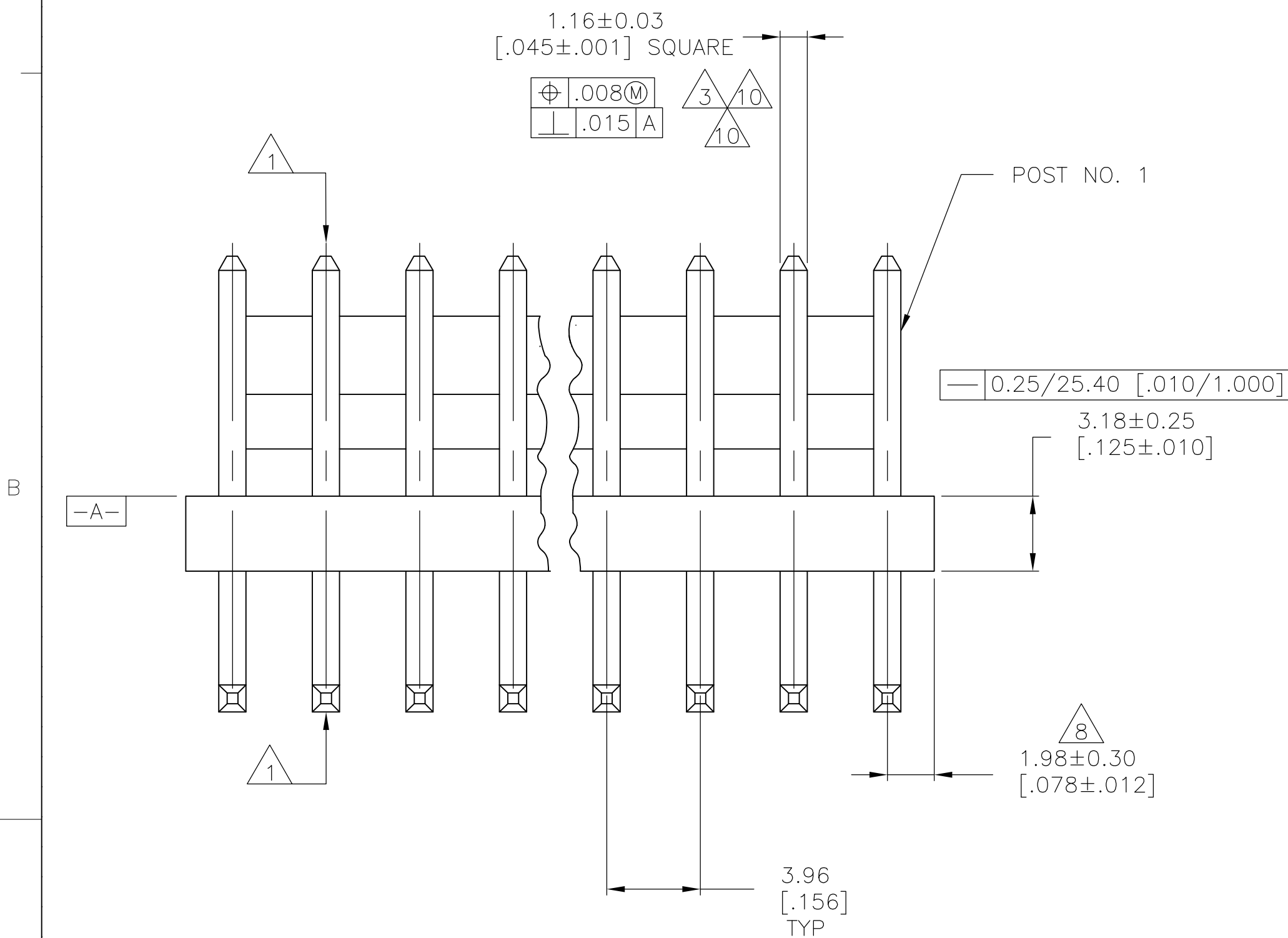
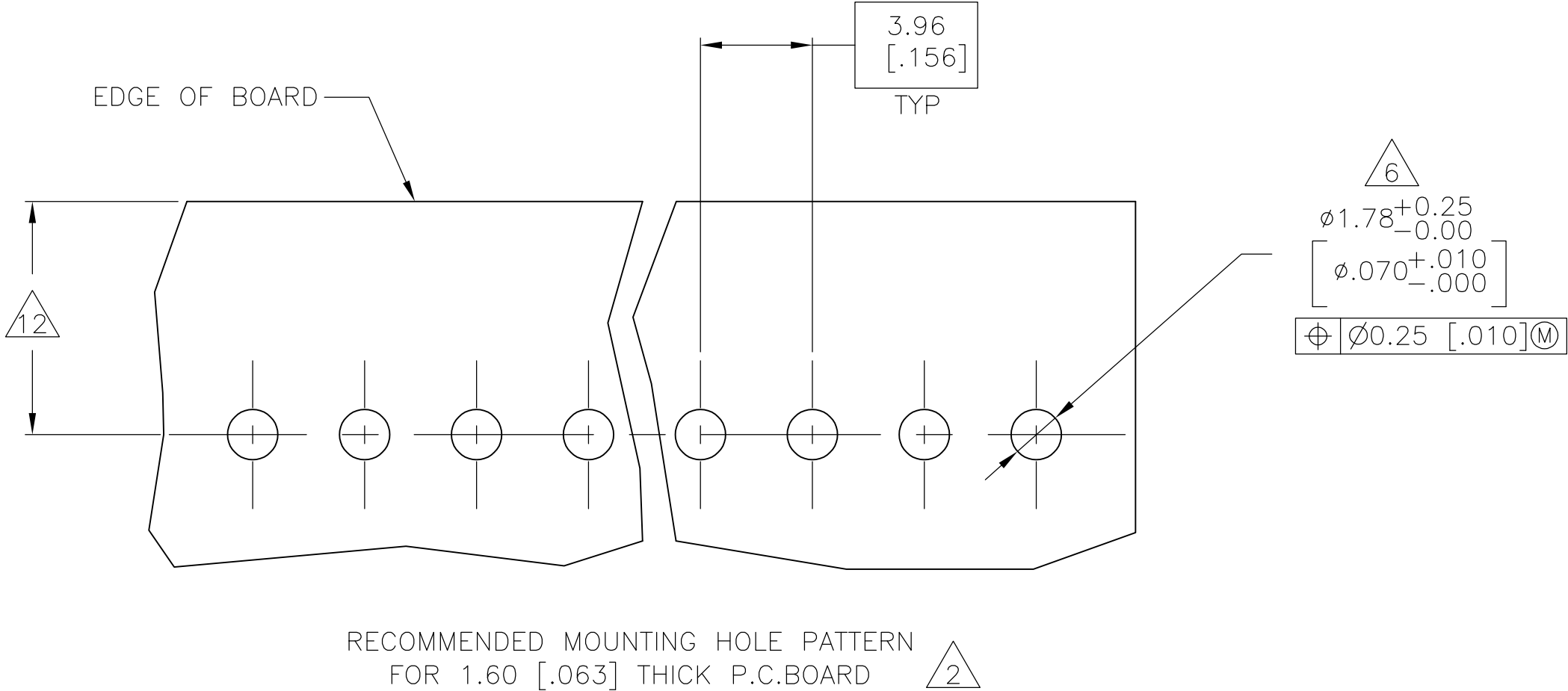
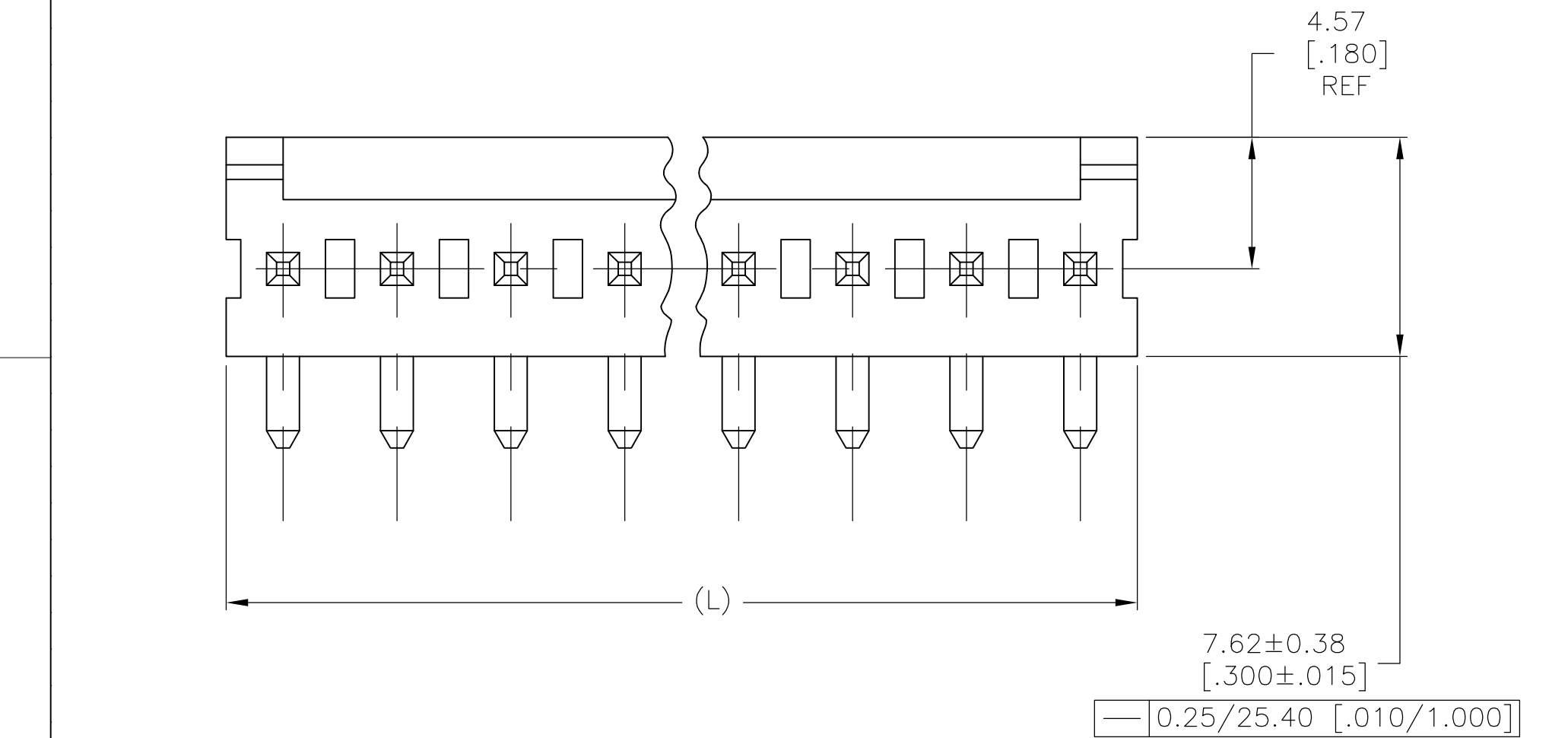
OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

D

C

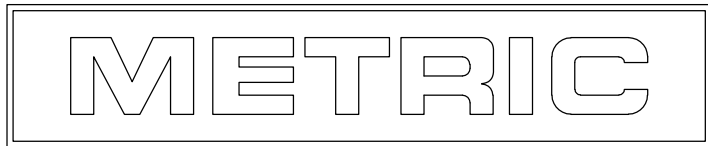
B

A



LEAD FREE	13 15	95.10	3.744	24	5-641210-4
	13 15	91.14	3.588	23	5-641210-3
	13 15	87.17	3.432	22	5-641210-2
	13 15	83.21	3.276	21	5-641210-1
	13 15	79.25	3.120	20	5-641210-0
	13 15	75.29	2.964	19	4-641210-9
	13 15	71.32	2.808	18	4-641210-8
	13 15	67.36	2.652	17	4-641210-7
	13 15	63.40	2.496	16	4-641210-6
	13 15	59.44	2.340	15	4-641210-5
	13 15	55.47	2.184	14	4-641210-4
	13 15	51.51	2.028	13	4-641210-3
	13 15	47.55	1.872	12	4-641210-2
	13 15	43.59	1.716	11	4-641210-1
	13 15	39.62	1.560	10	4-641210-0
	13 15	35.66	1.404	9	3-641210-9
	13 15	31.70	1.248	8	3-641210-8
	13 15	27.74	1.092	7	3-641210-7
	13 15	23.77	.936	6	3-641210-6
	13 15	19.81	.780	5	3-641210-5
	13 15	15.85	.624	4	3-641210-4
	13 15	11.89	.468	3	3-641210-3
	13 15	7.92	.312	2	3-641210-2
FINISH	MM	[IN]	NO. OF POSN	PART NUMBER	
	L				

LEAD	13 14	95.10	3.744	24	2-641210-4
	13 14	91.14	3.588	23	2-641210-3
	13 14	87.17	3.432	22	2-641210-2
	13 14	83.21	3.276	21	2-641210-1
	13 14	79.25	3.120	20	2-641210-0
	13 14	75.29	2.964	19	1-641210-9
	13 14	71.32	2.808	18	1-641210-8
	13 14	67.36	2.652	17	1-641210-7
	13 14	63.40	2.496	16	1-641210-6
	13 14	59.44	2.340	15	1-641210-5
	13 14	55.47	2.184	14	1-641210-4
	13 14	51.51	2.028	13	1-641210-3
	13 14	47.55	1.872	12	1-641210-2
	13 14	43.59	1.716	11	1-641210-1
	13 14	39.62	1.560	10	1-641210-0
	13 14	35.66	1.404	9	641210-9
	13 14	31.70	1.248	8	641210-8
	13 14	27.74	1.092	7	641210-7
	13 14	23.77	.936	6	641210-6
	13 14	19.81	.780	5	641210-5
	13 14	15.85	.624	4	641210-4
	13 14	11.89	.468	3	641210-3
	13 14	7.92	.312	2	641210-2
FINISH	MM	[IN]	NO. OF POSN	PART NUMBER	
	L				



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -

MATERIAL

7

DWN S. HOOVER 07NOV02

CHK D. BOSSI 07NOV02

APVD D. BOSSI 07NOV02

NAME

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

MTA-.156 HEADER ASSEMBLY, FRICTION LOCK, RIGHT ANGLE, FRONT BEND .045 SQUARE POST, .000030 GOLD

SIZE CAGE CODE DRAWING NO A1 00779 641210

RESTRICTED TO

SCALE 5:1 SHEET 1 OF 1 REV AE

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[641210-9](#)