

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
AE1	REVISED PER ECO-19-012191		07AUG2019	RS	SW

- 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

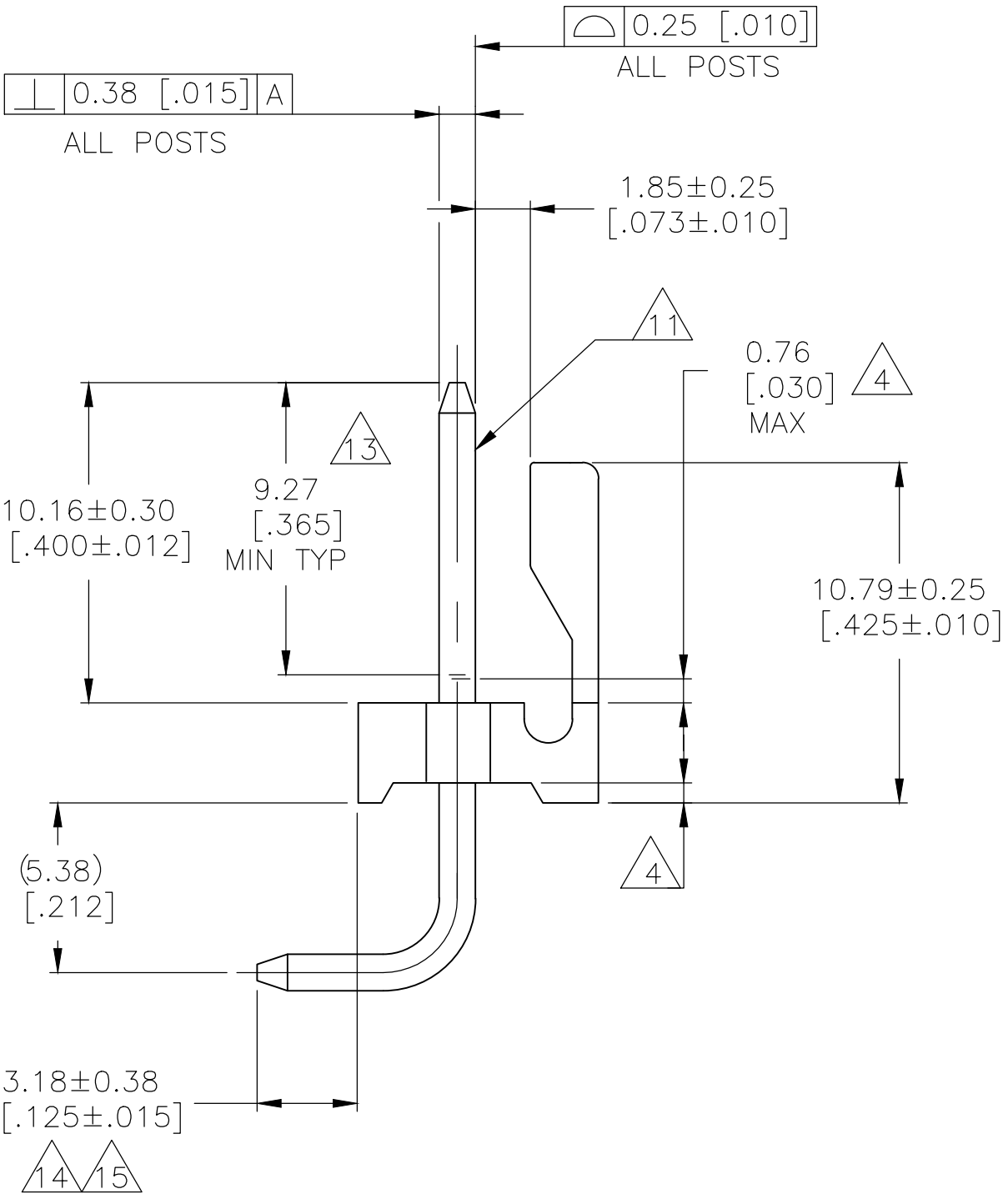
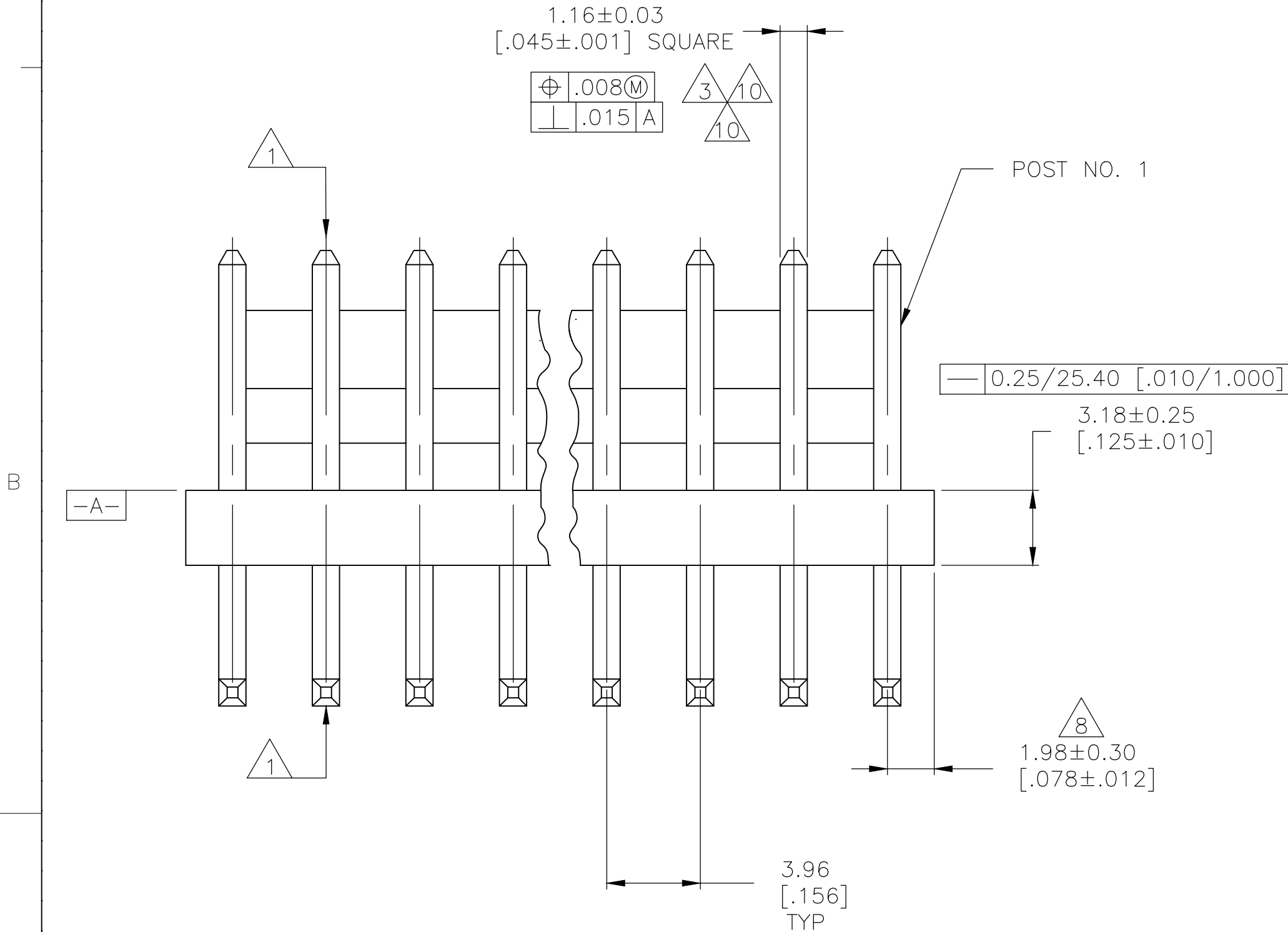
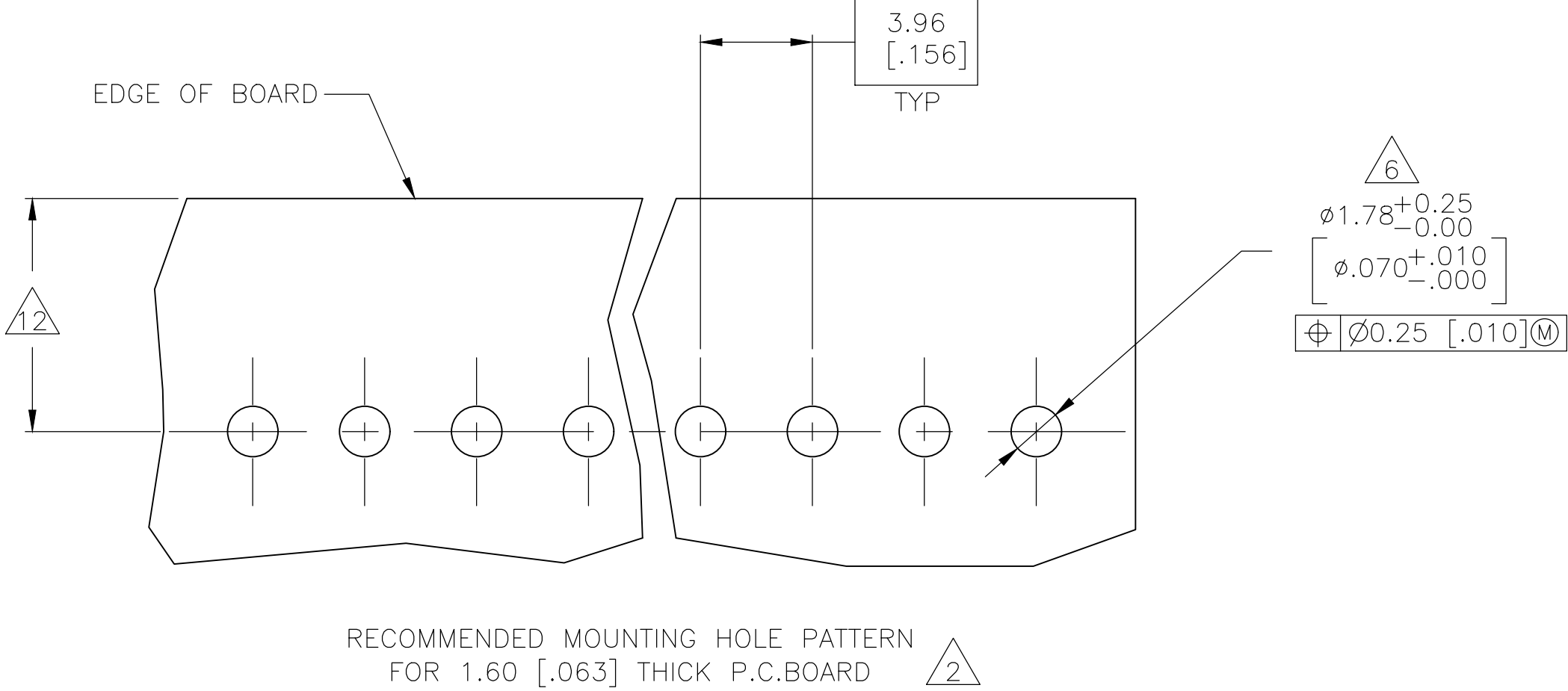
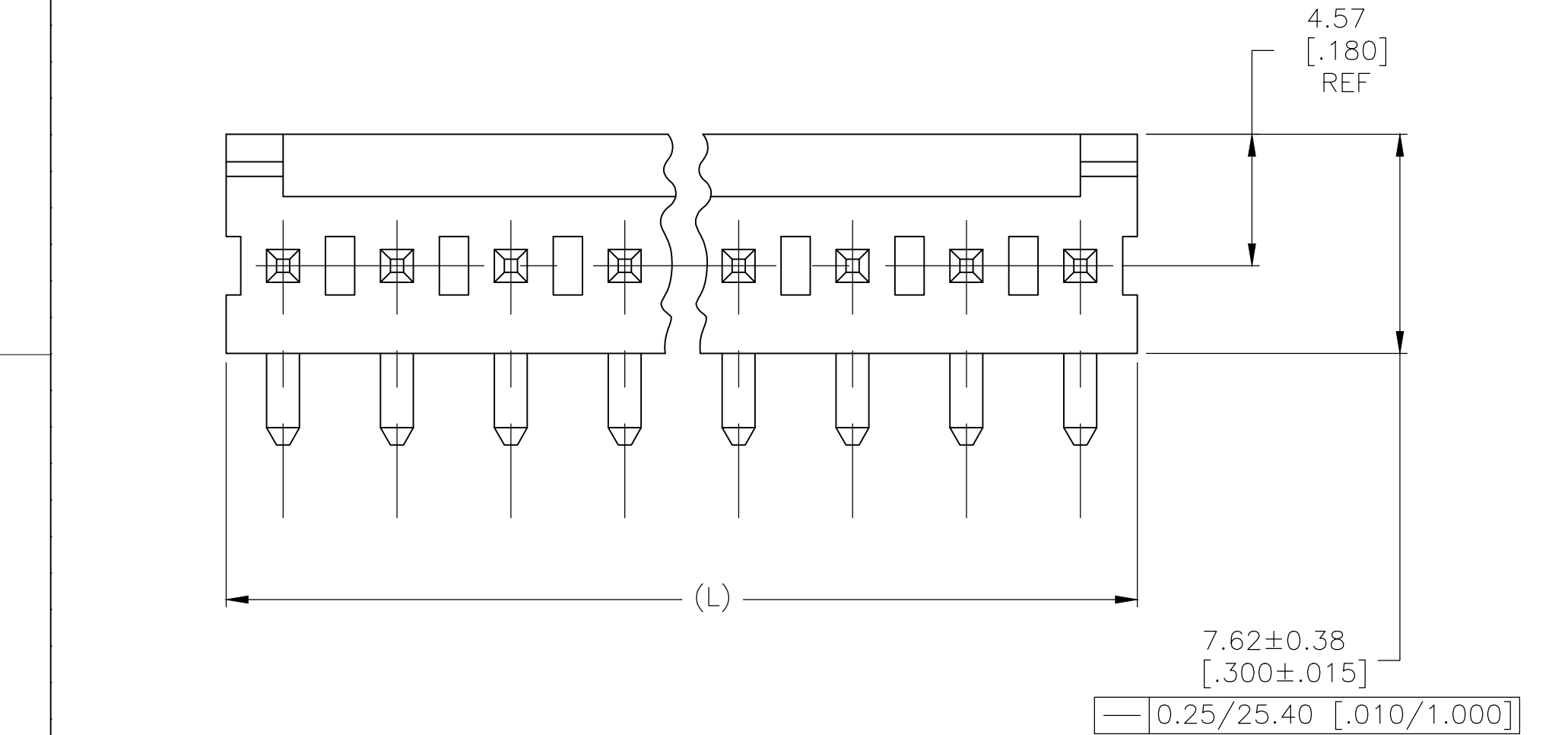
OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

D

C

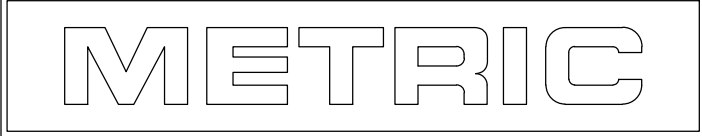
B

A



FINISH	MM	[IN]	NO. OF POSN	PART NUMBER
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
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
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13/14	11.89	.468	3	-641210-3
13/14	7.92	.312	2	-641210-2



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

7

DWN S. HOOVER 07NOV02

CHK D. BOSSI 07NOV02

APVD D. BOSSI 07NOV02

NAME

APPLICATION SPEC

WEIGHT 0.000000

CUSTOMER DRAWING

TE Connectivity

MTA-156 HDR ASBLY, FRICTION LOCK, R ANGLE, FRONT BEND .045 SQ POST, .000030 Au

SIZE CAGE CODE DRAWING NO

A100779C=641210

RESTRICTED TO

SCALE 5:1 SHEET 1 OF 1 REV AE1

Mouser Electronics

Authorized Distributor

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

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[4-641210-8](#)