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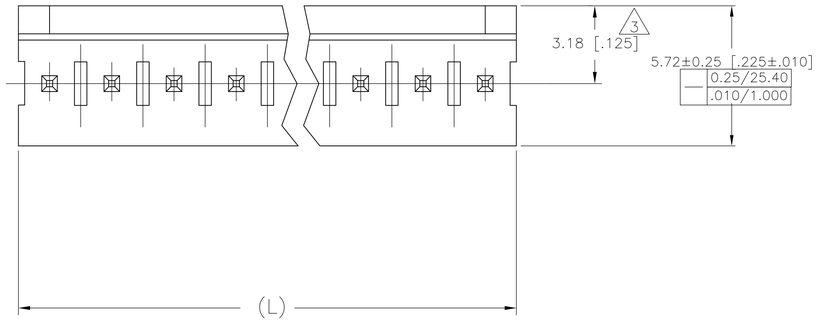
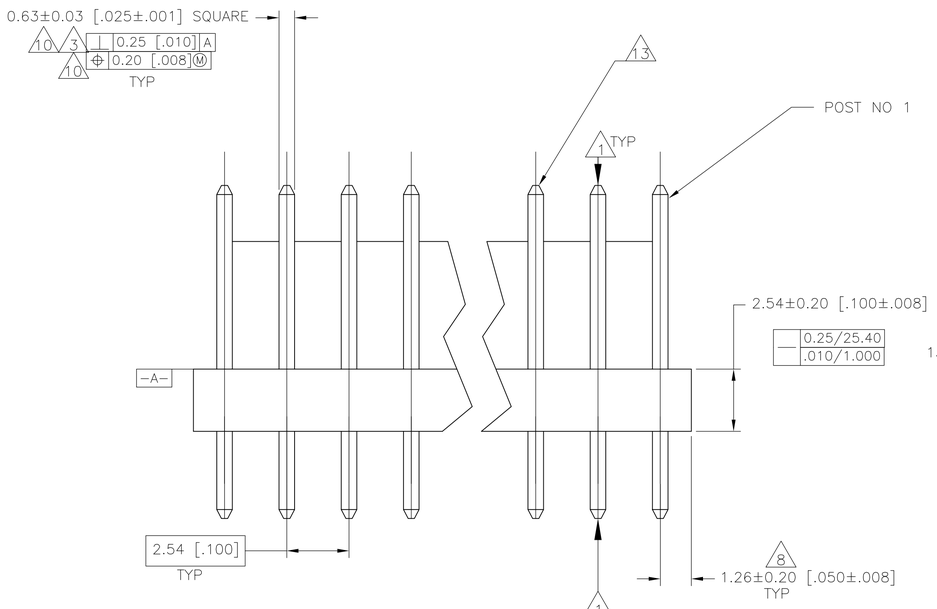
LOC	DIST
CM	00

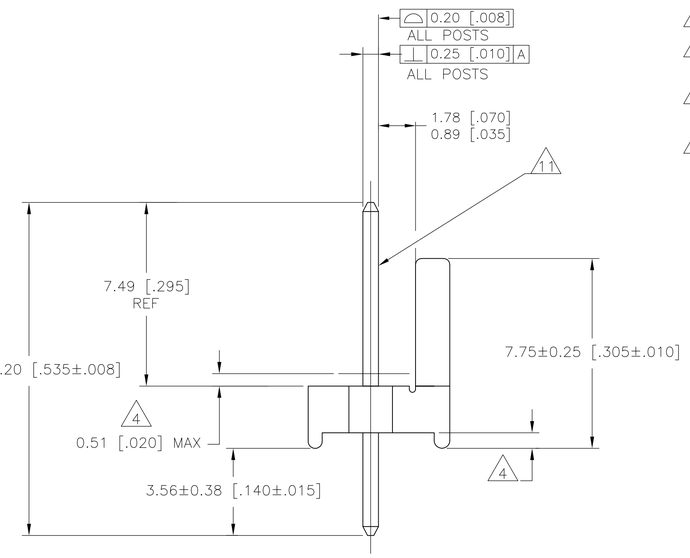
REVISIONS

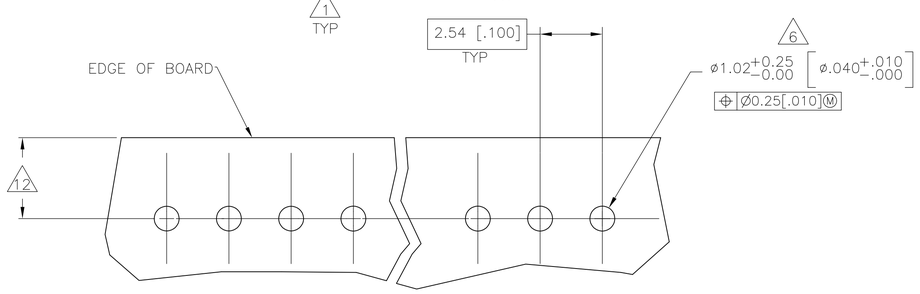
P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	REVISED PER ECO-08-026595	12NOV08	HMR	DB



1. POST TO WITHSTAND 13 NEWTONS [3 LBS.] MIN. 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 SOLDERABILITY SPEC. 109−11−2.
6. ONE HOLE MAY BE UNDERSIZED 0.81−0.89 [.032−.035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER−THERMOPLASTIC POLYESTER UL94V−0 (NATURAL)
   POST−COPPER ALLOY (TIN−PLATED)
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. POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
11. POSTS MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
12. DIMENSION SHOULD BE 3.30 [.130] WHEN MATING WITH A MTA−100 CONNECTOR ASSEMBLY OR A CST−100 CONNECTOR.
13. PIN BURR OF 0.13 [.005] MAX. VERTICAL AND 0.08 [.003] MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.







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

MM	[IN]	NO OF POSITIONS	PART NUMBER
L			
71.12	2.800	28	2−640454−8
68.58	2.700	27	2−640454−7
66.04	2.600	26	2−640454−6
63.50	2.500	25	2−640454−5
60.96	2.400	24	2−640454−4
58.42	2.300	23	2−640454−3
55.88	2.200	22	2−640454−2
53.34	2.100	21	2−640454−1
50.80	2.000	20	2−640454−0
48.26	1.900	19	1−640454−9
45.72	1.800	18	1−640454−8
43.18	1.700	17	1−640454−7
40.64	1.600	16	1−640454−6
38.10	1.500	15	1−640454−5
35.56	1.400	14	1−640454−4
33.02	1.300	13	1−640454−3
30.48	1.200	12	1−640454−2
27.94	1.100	11	1−640454−1
25.40	1.000	10	1−640454−0
22.86	.900	9	640454−9
20.32	.800	8	640454−8
17.78	.700	7	640454−7
15.24	.600	6	640454−6
12.70	.500	5	640454−5
10.16	.400	4	640454−4
7.62	.300	3	640454−3
5.08	.200	2	640454−2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ± 0.13 [.005]
4 PLC ±
ANGLES ± 0°30'

MATERIAL 7
FINISH 7

METRIC

DWN S. HAMM 09−NOV−2001
CHK D. BOSSI 09−NOV−2001
APVD D. BOSSI 09−NOV−2001
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105−3608

NAME
MTA−.100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C−640454	—

CUSTOMER DRAWING SCALE 8:1 SHEET 1 OF 1 REV Y

4805 (1/08)