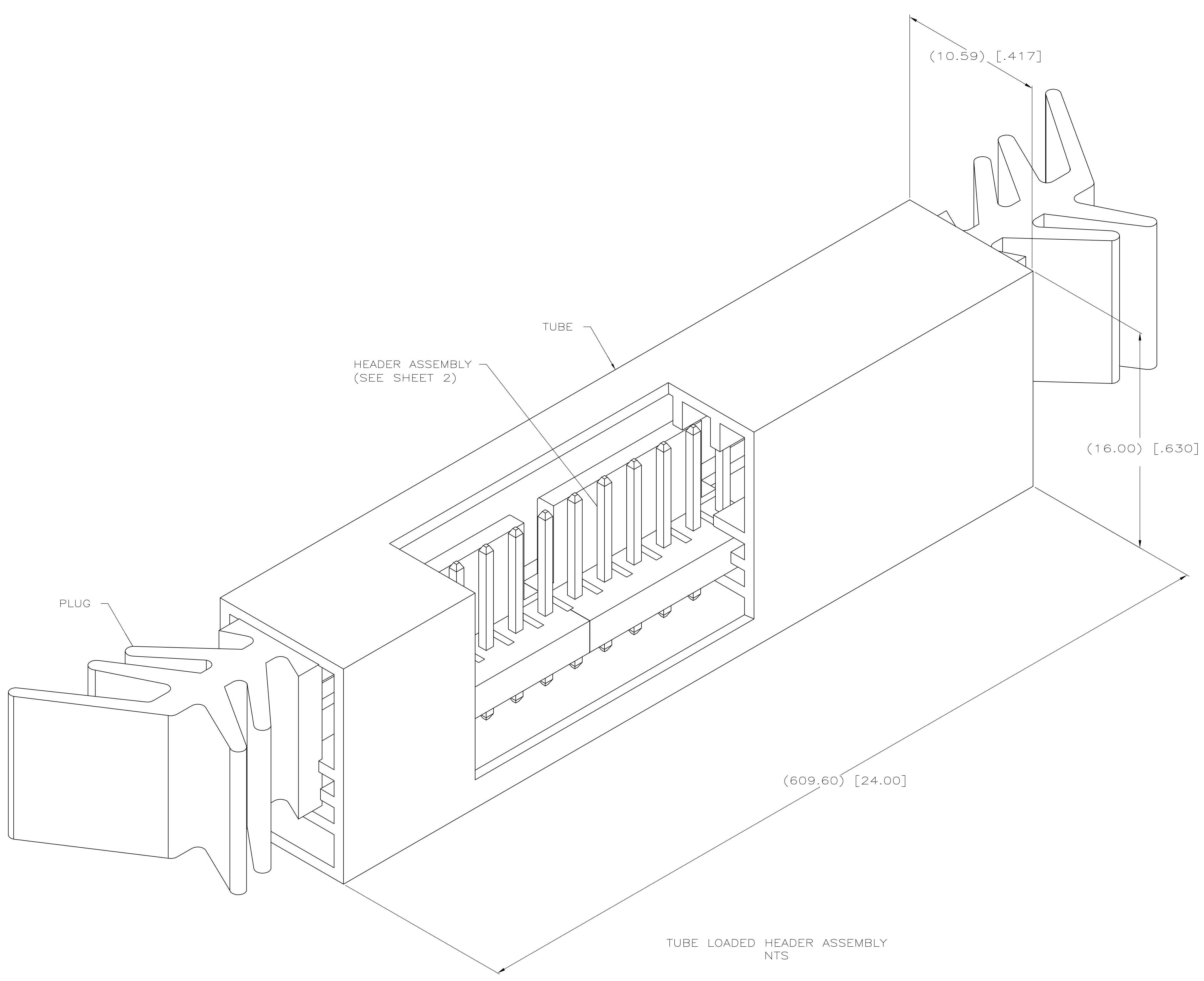


LOC		DIST		REVISIONS			
CM	00	REV	DATE	BY	CHK	APPV	
S	REVISED PER	ECO-08-026595	06NOV08	HMR	DB		



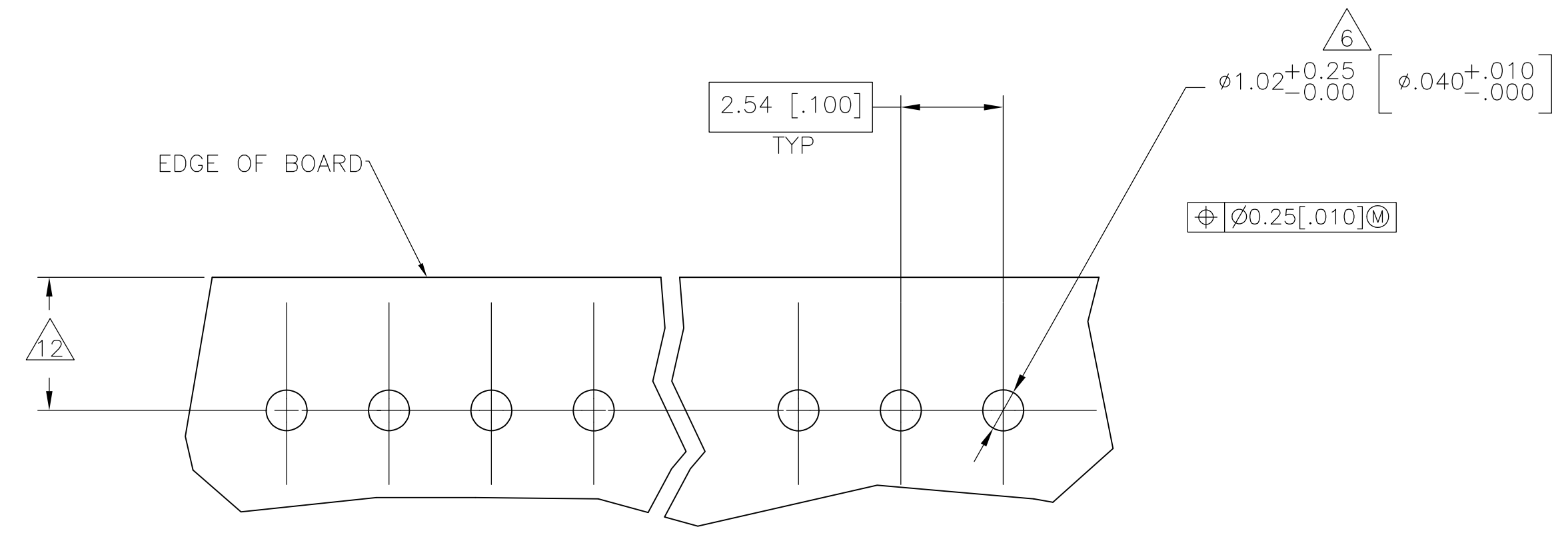
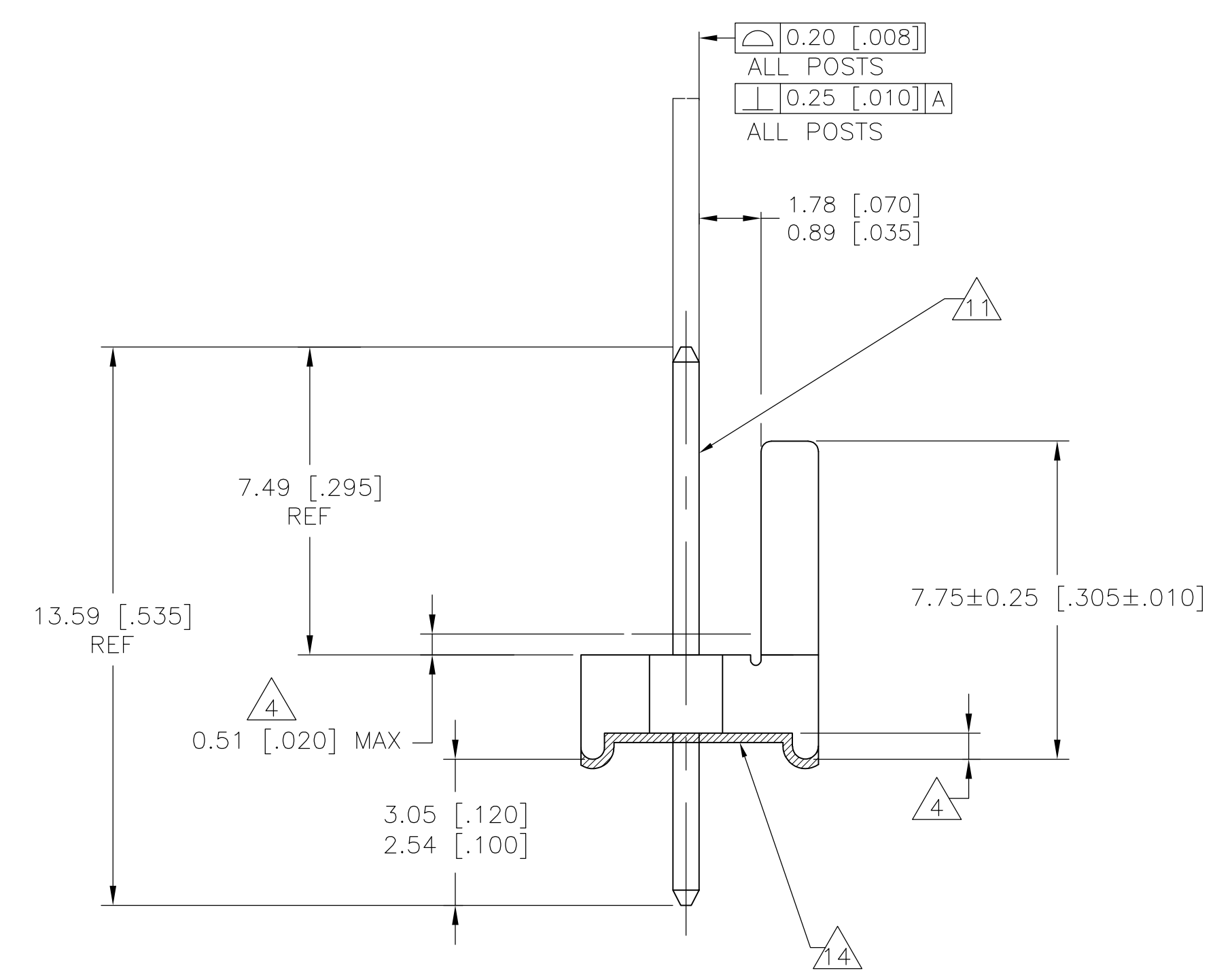
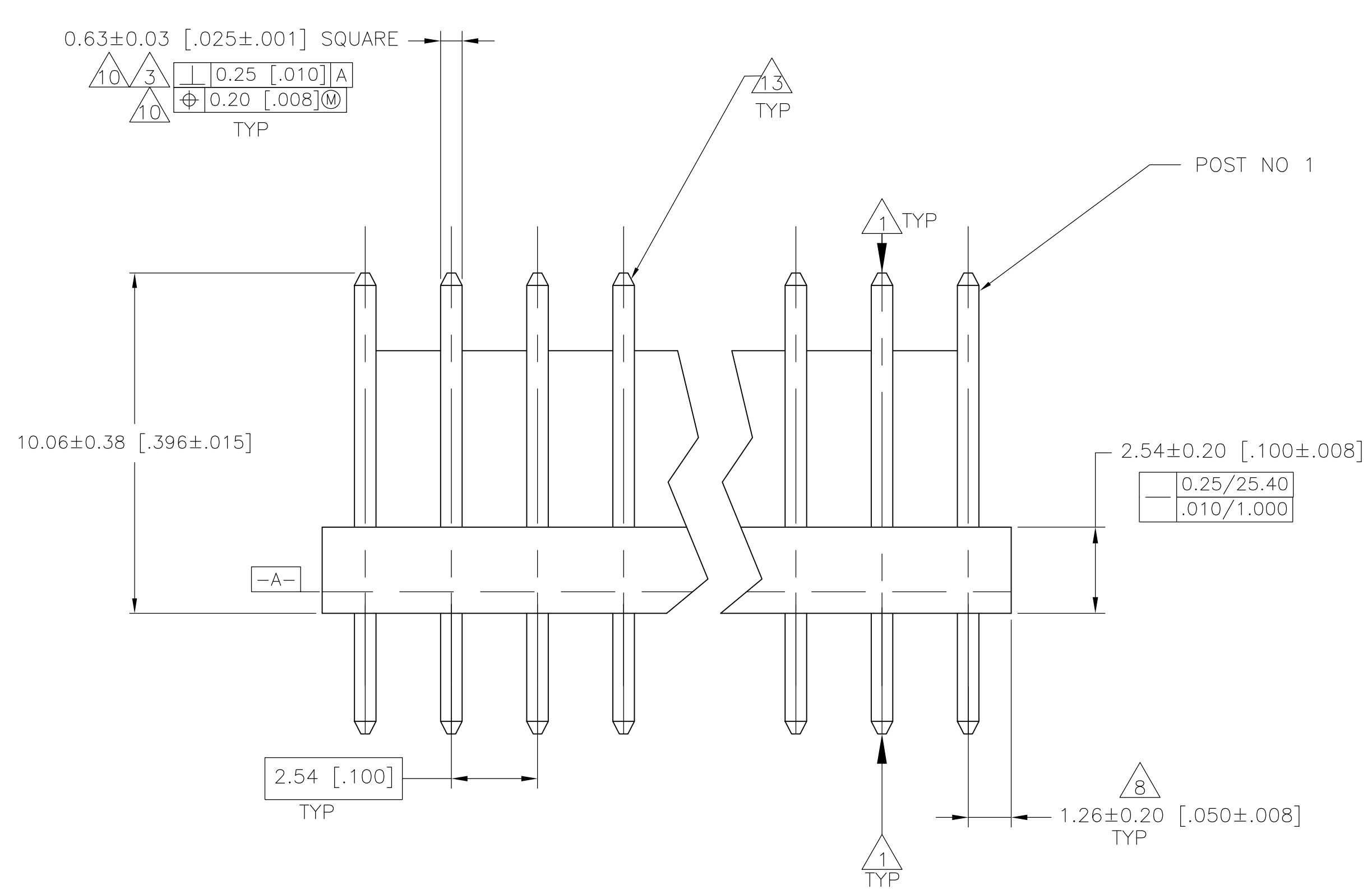
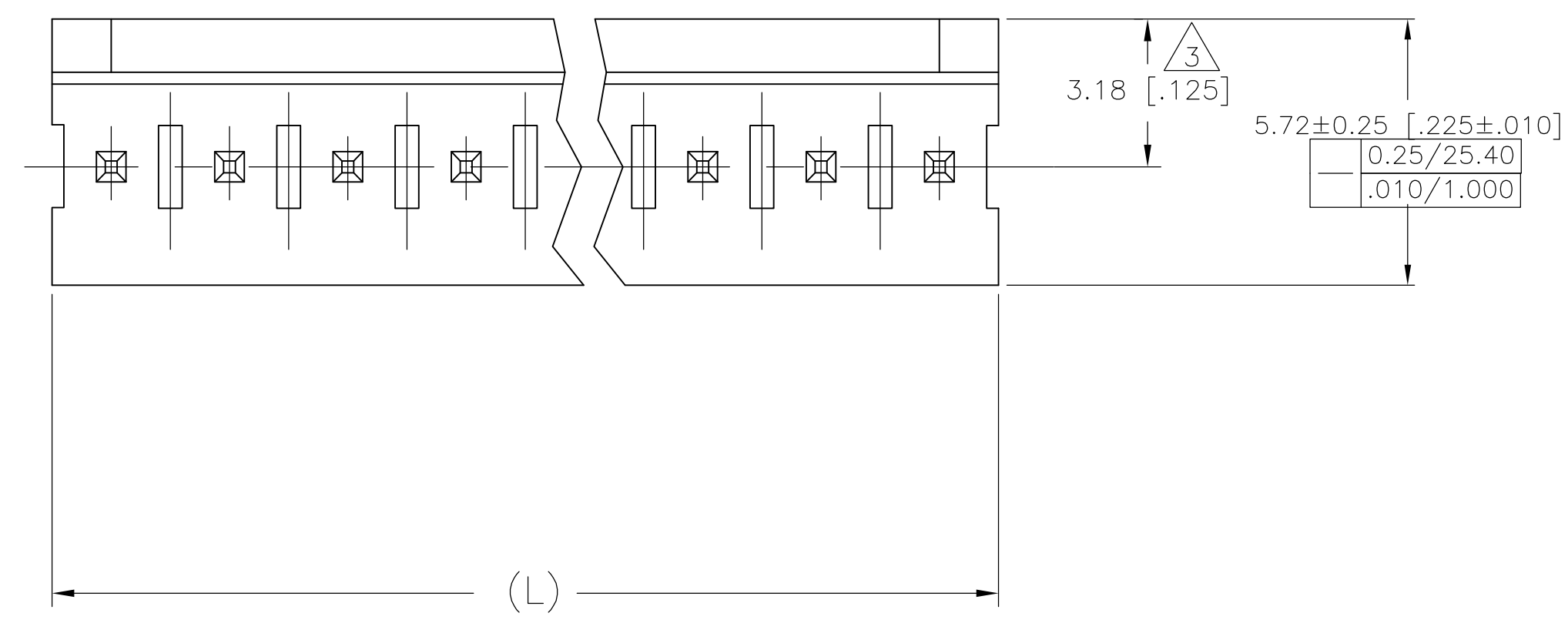
- 1 POST TO WITHSTAND 13 NEWTONS [3 LBS.] MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3 MEASURED AT SURFACE -A-
- 4 PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6 ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [.032-.035] DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- 7 MATERIAL: HEADER-THERMOPLASTIC POLYESTER
94V-0(NATURAL)
POST-COPPER ALLOY (TIN PLATED)
TUBE-RIGID PVC (CLEAR)
PLUG-KRATON (BLACK)
- 8 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE, EXCEPT AS NOTED IN A
- 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 3.30 [.130] MIN 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.
- 14 NO BURR PERMISSIBLE FROM CUTOFF ON SURFACE INDICATED BY
- 15 TUBE MUST MAINTAIN PART ORIENTATION AND ALLOW FREE SLIDING AT A 45° TUBE INCLINE.

TUBE LOADED HEADER ASSEMBLY
NTS

METRIC

2	22	25.70	1.012	10	1-643363-0
2	25	23.16	.912	9	643363-9
PLUG	HEADER ASSEMBLY	MM	[IN]	NUMBER OF POSITIONS	PART NUMBER
QTY PER TUBE				L	

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROVED		NAME		Tyco Electronics Corporation	
mm	[INCHES]	0 PLC	±	REV	DATE	BY	CHK	Harrisburg, PA 17105-3608	
1 PLC	±	1 PLC	±	16-NOV-2001		S. HAMM		Tyco Electronics Corporation	
2 PLC	±	2 PLC	±	16-NOV-2001		D. ROSSI		Harrisburg, PA 17105-3608	
3 PLC	±	3 PLC	±	16-NOV-2001		D. ROSSI		Tyco Electronics Corporation	
4 PLC	±	4 PLC	±	16-NOV-2001		D. ROSSI		Harrisburg, PA 17105-3608	
ANGLES	±	ANGLES	±	16-NOV-2001		D. ROSSI		Tyco Electronics Corporation	
				16-NOV-2001		D. ROSSI		Harrisburg, PA 17105-3608	
MATERIAL		FINISH		APPLICATION SPEC		PRODUCT SPEC		NAME	
								MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, TUBE LOADED, SPECIAL	
				WEIGHT		SIZE		CAGE CODE	
						A1		00779	
				CUSTOMER DRAWING		SCALE		SHEET	
						8:1		1 OF 2	
								REV	
								S	



RECOMMENDED MOUNTING HOLE PATTERN FOR 1.60 [0.063] THICK P.C. BOARD

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN S. HAMM 16-NOV-2001	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CIK D. ROSSI 16-NOV-2001	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. ROSSI 16-NOV-2001	NAME MTA-100 HEADER ASSEMBLY, POLARIZED, NOTCHED, .025 SQUARE STRAIGHT POST, TIN PLATED, TUBE LOADED, SPECIAL
0. PLC ±	1. PLC ±	APPLICATION SPEC	SIZE A1
2. PLC ±	3. PLC ± 0.13 [0.005]	WEIGHT	CAGE CODE 643363
4. PLC ±	ANGLES ± 0.30°	CUSTOMER DRAWING	SCALE 8:1 SHEET 2 OF 2 REV S