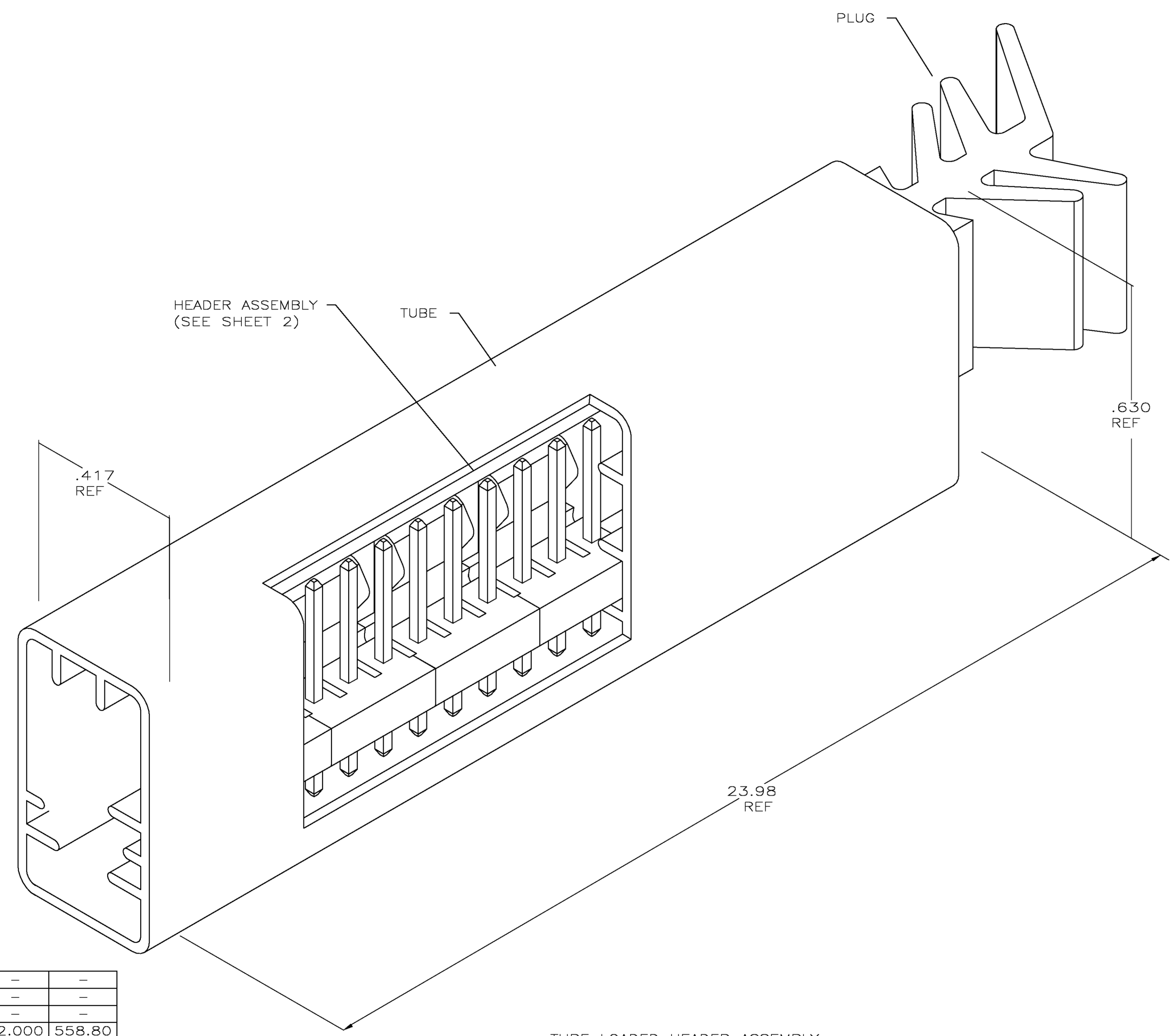


LOC	DIST	REVISIONS			
F	LTR	DESCRIPTION	DATE	DNV	APPD
B		REVISED PER EC 063B-0234-05	21JUN95	KW	DB

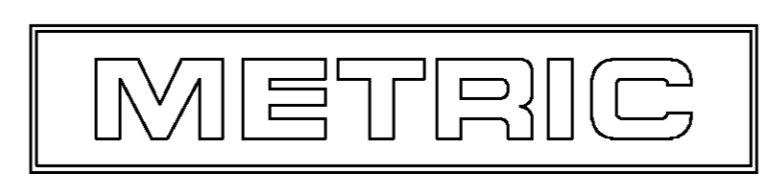


1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT SURFACE -A-
4. PLASTIC FLASH PERMITTED IN THIS AREA.
5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
6. ONE HOLE MAY BE UNDERSIZED (.035/.032 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER
 UL94V-0(NATURAL)
 POST-COPPER ALLOY (SEE NOTES 13,14,& 17 FOR PLATING)
 TUBE-RIGED 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.
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 .130 MIN WHEN MATING WITH A MTA 100 CONNECTOR ASSEMBLY OR A CST 100 CONNECTOR.
13. GOLD PLATE AREA,.000015 MIN.,ALL SIDES,OVER NICKEL UNDERPLATE,.000050 MIN.,ALL SIDES AND ENTIRE LENGTH OF POST.
14. BRIGHT TIN/LEAD (93/7) PLATE AREA,.000150-.000350 THICK,ALL FOUR SIDES,.140 MIN.
15. CONVERSION TABLE INCLUDES DIMENSIONS FROM SHEET 1 AND 2.
16. TUBE MUST MAINTAIN PART ORIENTATION AND ALLOW FREE SLIDING AT A 45° TUBE INCLINE.
17. BRIGHT TIN PLATE AREA,.000150-.000350 THICK,ALL FOUR SIDES,.140 MIN.

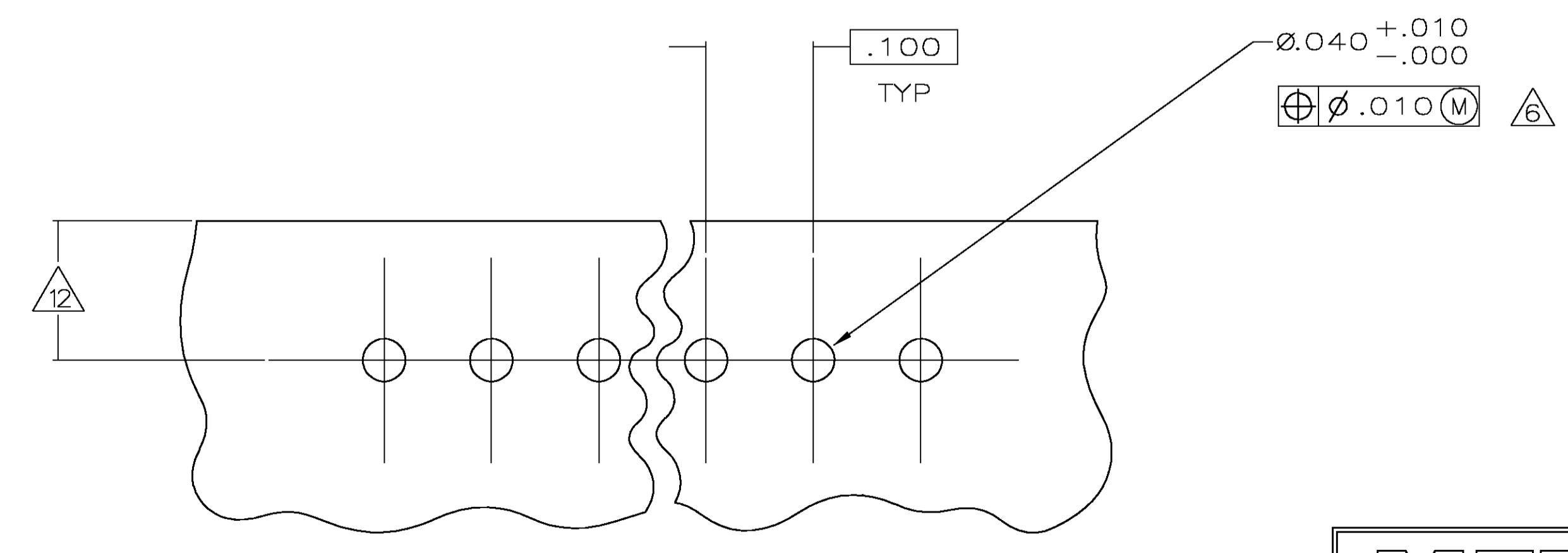
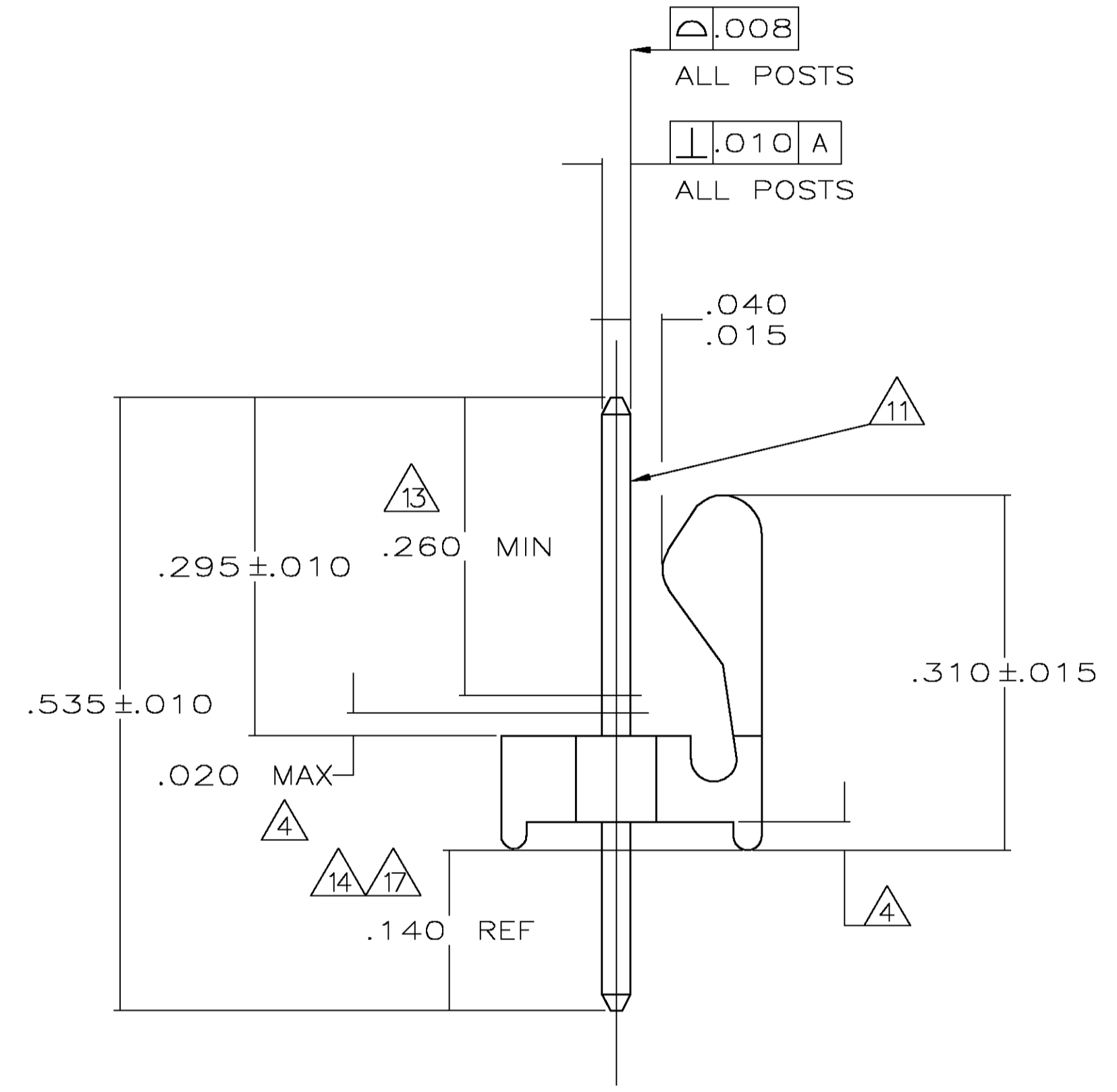
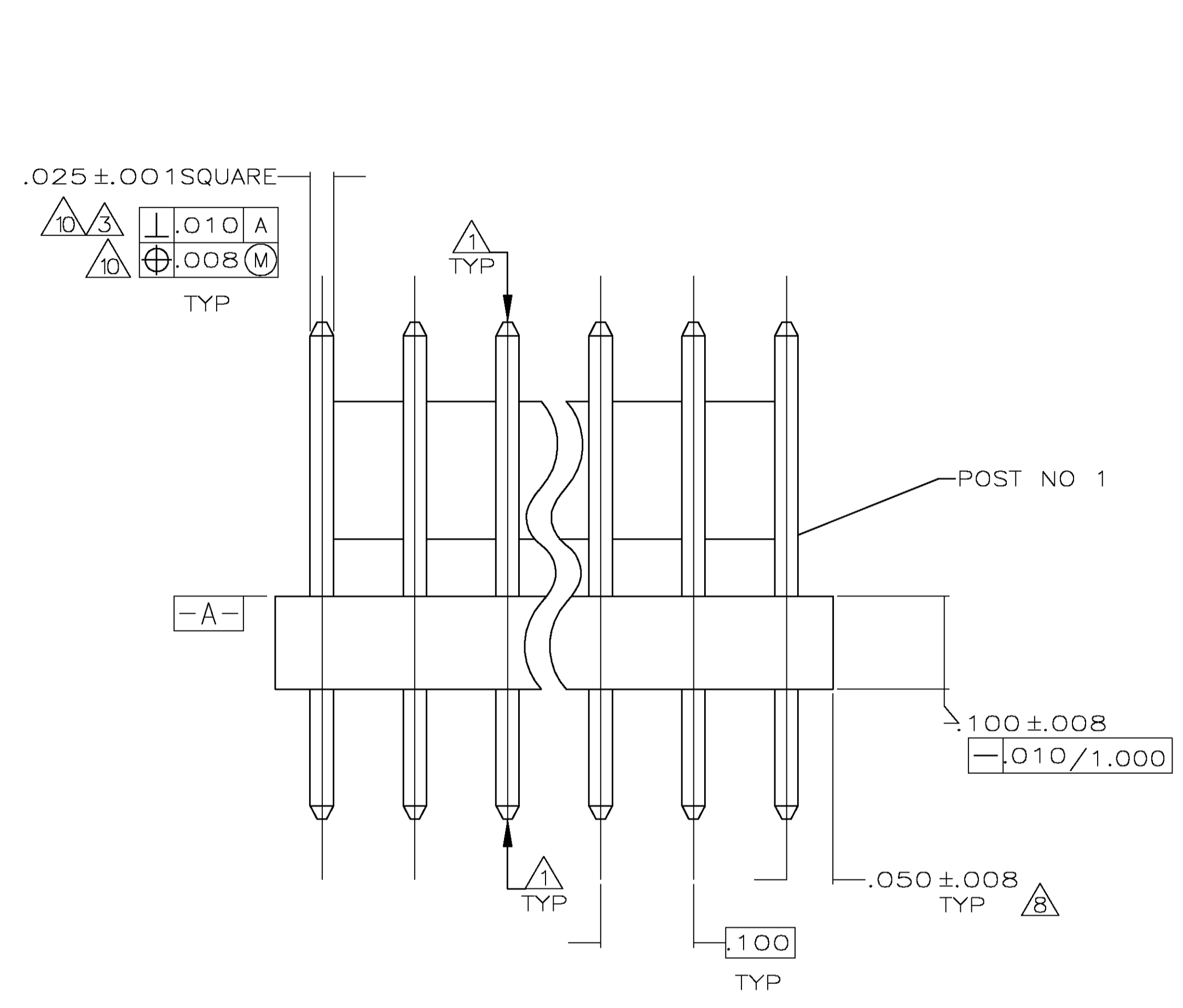
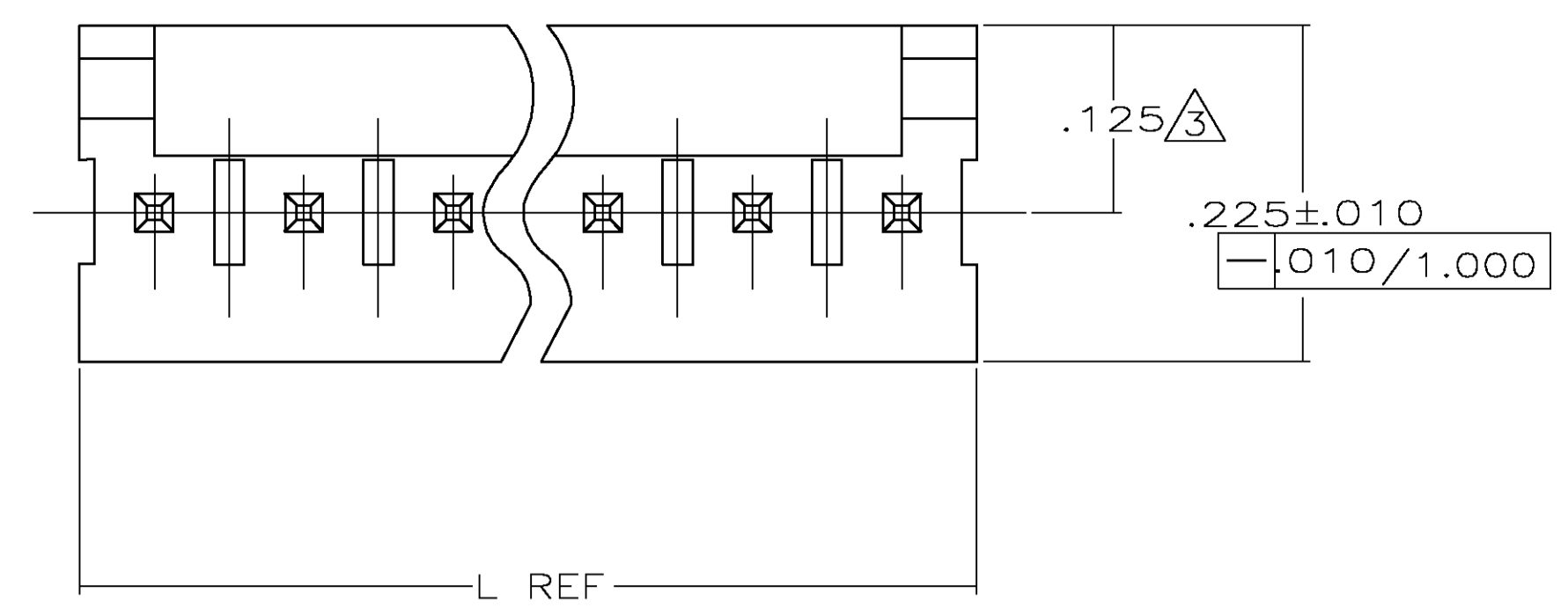
IN	MM	IN	MM
.063	1.60	-	-
.050	1.27	-	-
.040	1.02	-	-
.035	0.89	22.000	558.80
.032	0.81	1.000	25.40
.025	0.64	.770	19.56
.020	0.51	.620	15.75
.015	0.38	.535	13.59
.010	0.25	.310	7.87
.008	0.20	.305	7.75
.005	0.13	.295	7.49
.001	0.03	.260	6.60
.000350	.00889	.225	5.72
.000150	.00381	.140	3.56
.000050	.00127	.130	3.30
.000030	.00076	.125	3.18
.000	0.00	.100	2.54
IN	MM	IN	MM

CONVERSION TABLE

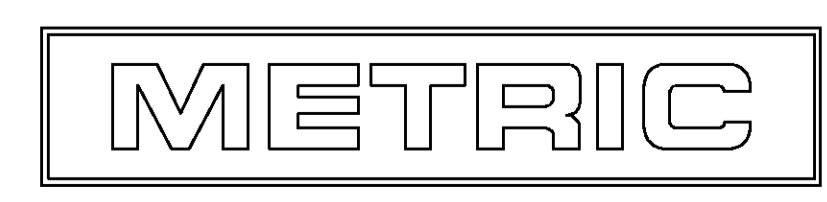
FINISH	PLUG	HEADER ASSEMBLY	IN		NUMBER OF POSITIONS	PART NUMBER	
			MM	L			
13 17	2	25	.900	22.86	9	3-647373-9	
	2	28	.800	20.32	8	3-647373-8	
	2	37	.600	15.24	6	3-647373-6	
	2	45	.500	12.70	5	3-647373-5	
	2	56	.400	10.16	4	3-647373-4	
	2	111	.200	5.08	2	3-647373-2	
	13 14	2	25	.900	22.86	9	647373-9
		2	28	.800	20.32	8	647373-8
		2	37	.600	15.24	6	647373-6
		2	45	.500	12.70	5	647373-5
2		56	.400	10.16	4	647373-4	
	2	111	.200	5.08	2	647373-2	



THIS DRAWING IS A CONTROLLED DOCUMENT. **tyco Electronics Corporation**
 L.A. McEACHIN 18-NOV-99
 CJK D.P. BOSSI 19-NOV-99
 APD D.P. BOSSI 19-NOV-99
 NAME: MTA 100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000015 GOLD PLATED, TUBE LOADED
 SIZE: A1 DATE CODE: 00779 DRAWING NO: 647373 RESTRICTED TO: -
 WEIGHT: -
 CUSTOMER DRAWING SCALE: 8:1 SHEET: 1 OF 2 REV: B



RECOMMENDED MOUNTING HOLE PATTERN FOR .063 THICK P.C. BOARD



THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN	18-NOV-99	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
		L.A. McEACHIN	19-NOV-99	
DIMENSIONS: INCHES		CHK	D.P. BOSSI	NAME MTA 100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000015 GOLD PLATED, TUBE LOADED
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD	D.P. BOSSI	
0 PL ± -		APPLICATION SPEC		SIZE
1 PL ± -		PRODUCT SPEC		CAGE CODE
2 PL ± -		SIZE		DRAWING NO
3 PL ± -		APPLICATION SPEC		RESTRICTED TO
4 PL ± -		WEIGHT		A1
ANGLES ± ± 0.30°		CUSTOMER DRAWING		SCALE
MATERIAL	FINISH	WEIGHT		8:1
7	7	A1 00779 C=647373		SHEET
		CUSTOMER DRAWING		2 OF 2
				REV
				B