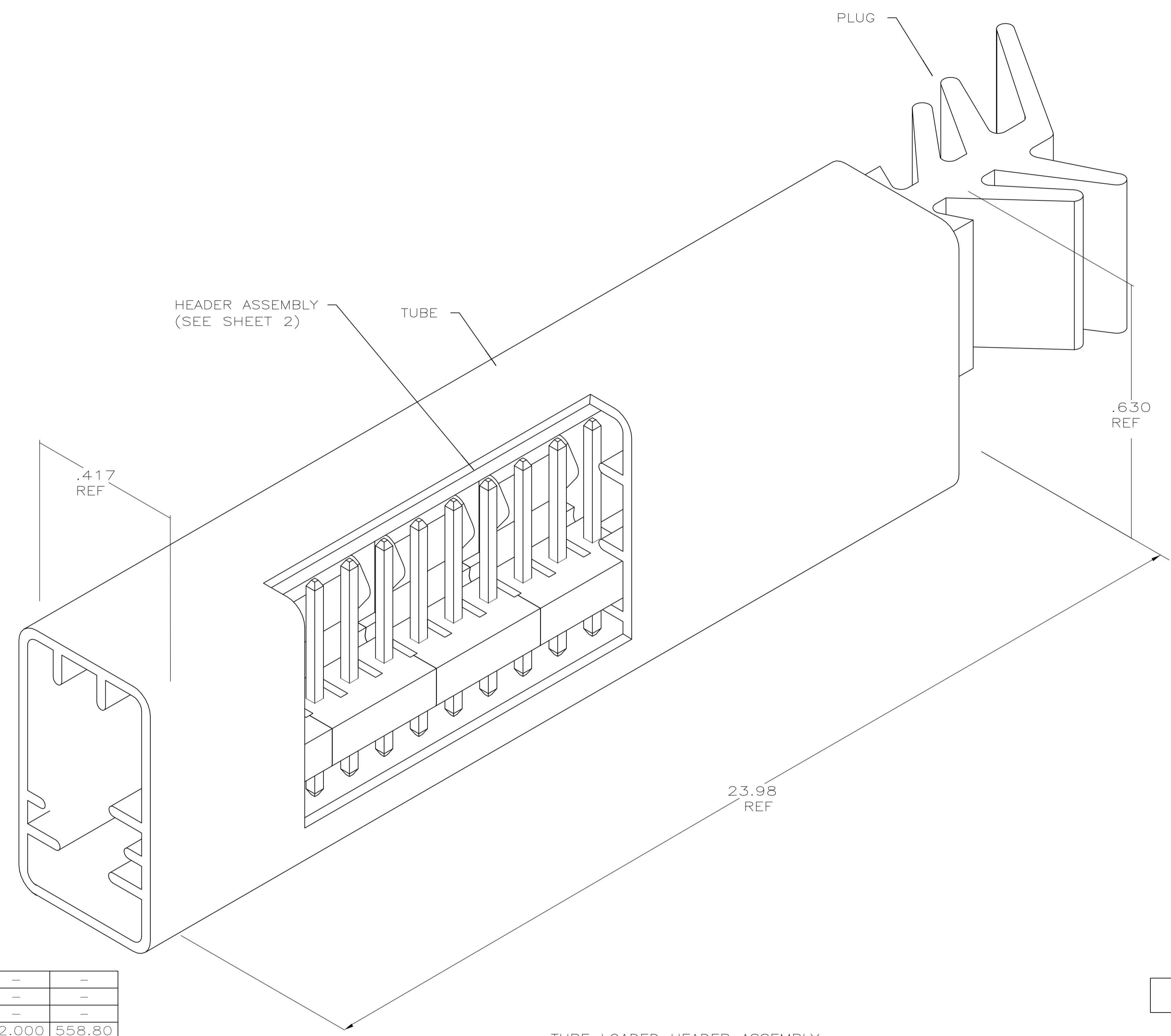


LOC	DIST	REVISIONS				
		REV	DESCRIPTION	DATE	BY	APPV
CM	00	B	REVISED PER EC 0G3B-0234-05	21JUN05	KW	DB
		B1	REVISED PER ECO-09-024717	06NOV09	KK	AEG



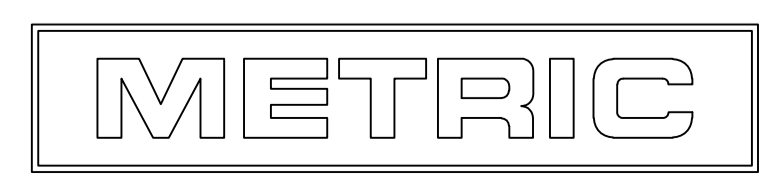
- 1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- 2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 3. MEASURED AT SURFACE -A-
- 4. PLASTIC FLASH PERMITTED IN THIS AREA.
- 5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 6. ONE HOLE MAY 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-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.
- 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.
- 18. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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	0.0089	.225	5.72
.000150	0.0038	.140	3.56
.000050	0.00127	.130	3.30
.000030	0.00076	.125	3.18
.000	0.00	.100	2.54
IN	MM	IN	MM

CONVERSION TABLE

TUBE LOADED HEADER ASSEMBLY NTS

FINISH	PLUG	HEADER ASSEMBLY	IN		NUMBER OF POSITIONS	PART NUMBER	
			MM	L			
SUPERSEDED	18	2	25	.900	22.86	9	3-647373-9
		2	28	.800	20.32	8	3-647373-8
SUPERSEDED	13/14	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
SUPERSEDED	18	2	25	.900	22.86	9	647373-9
		2	28	.800	20.32	8	647373-8
SUPERSEDED	13/14	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.

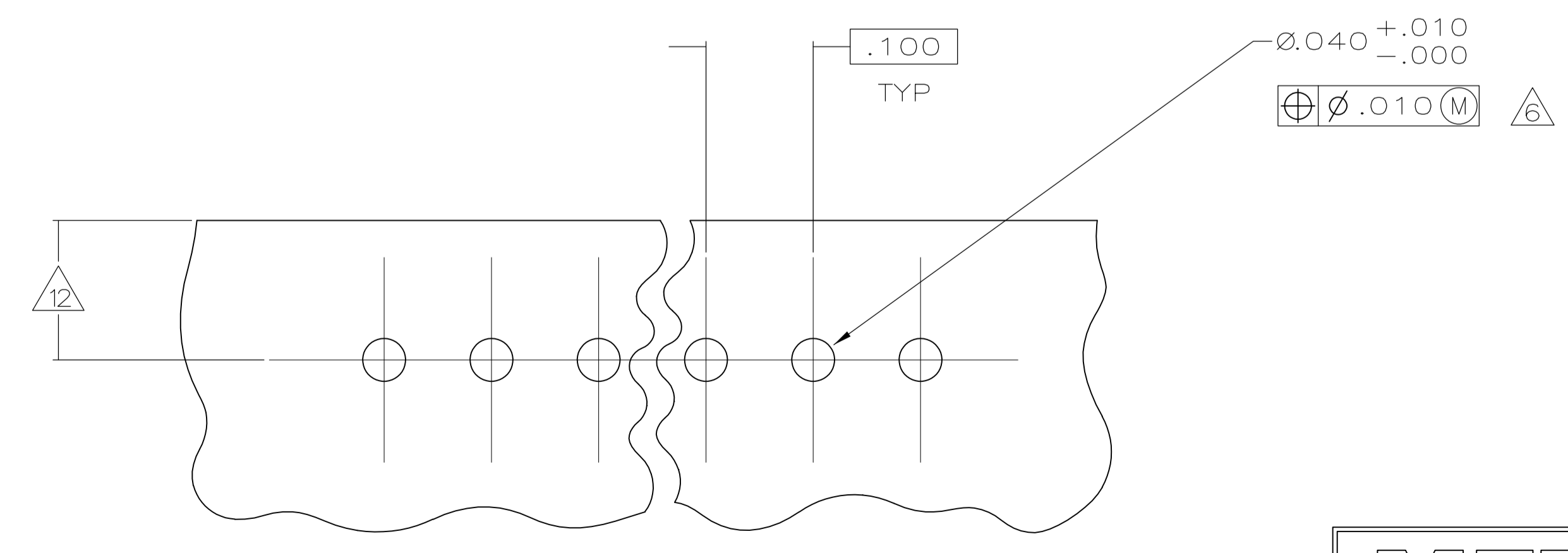
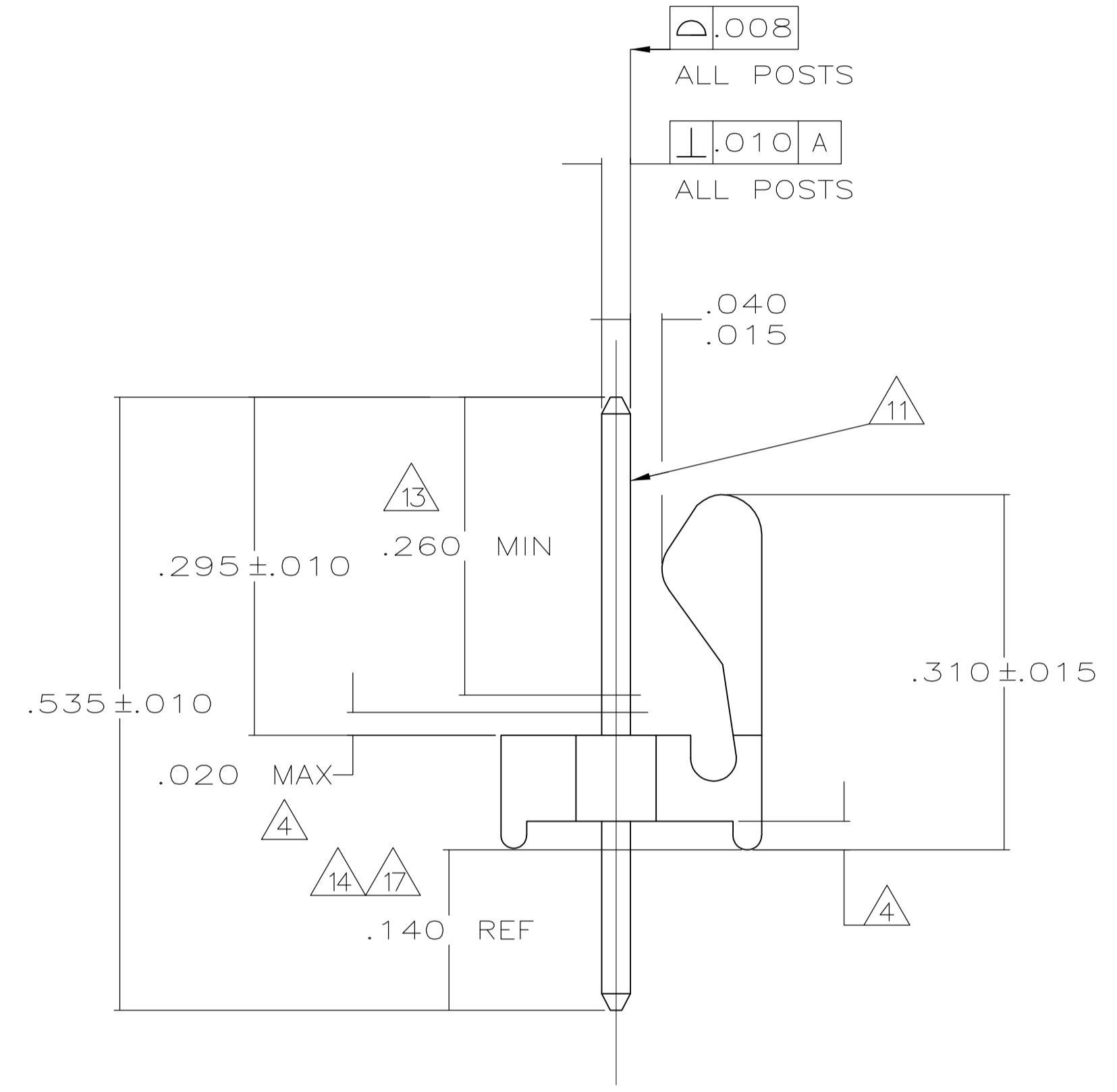
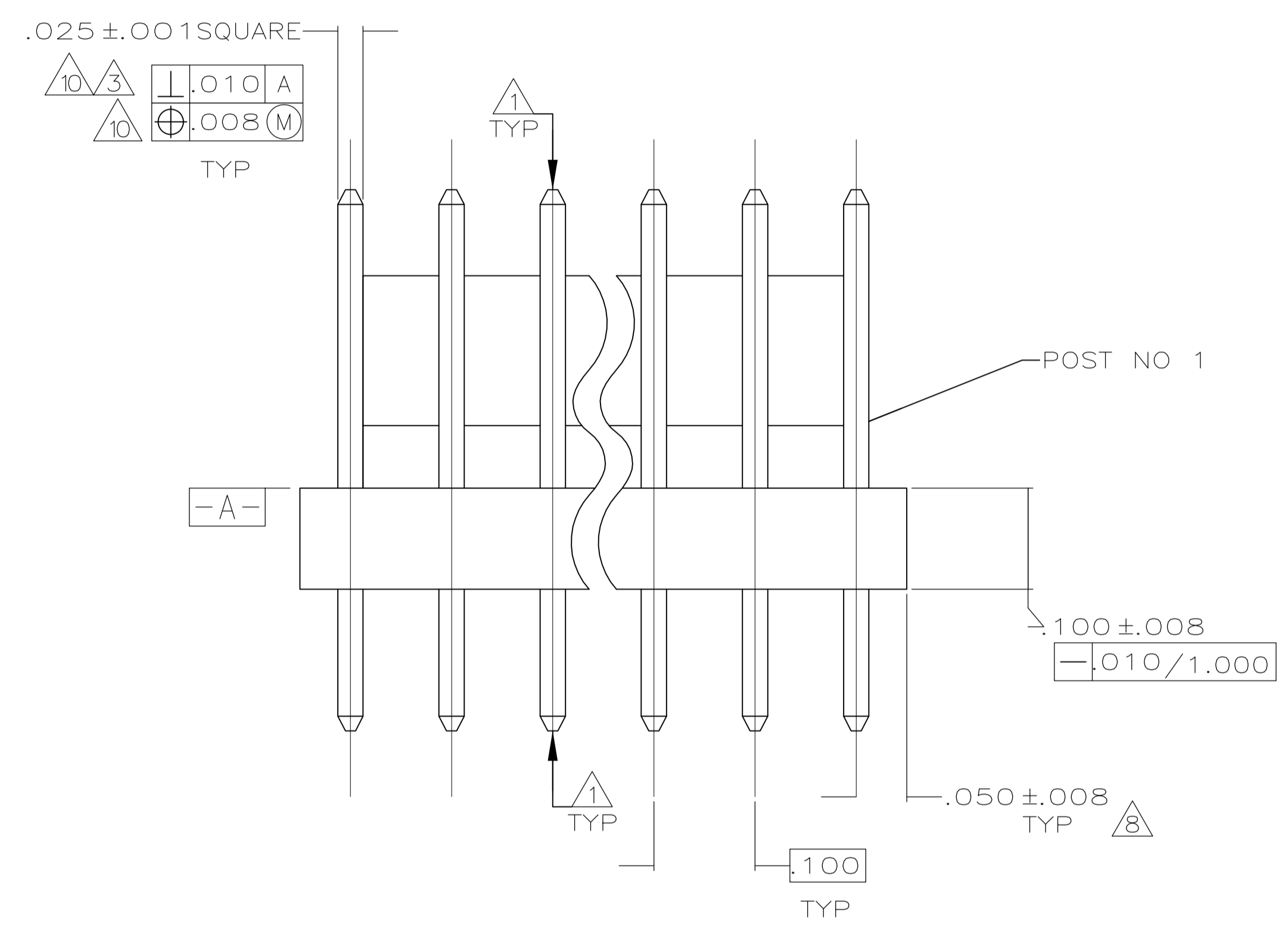
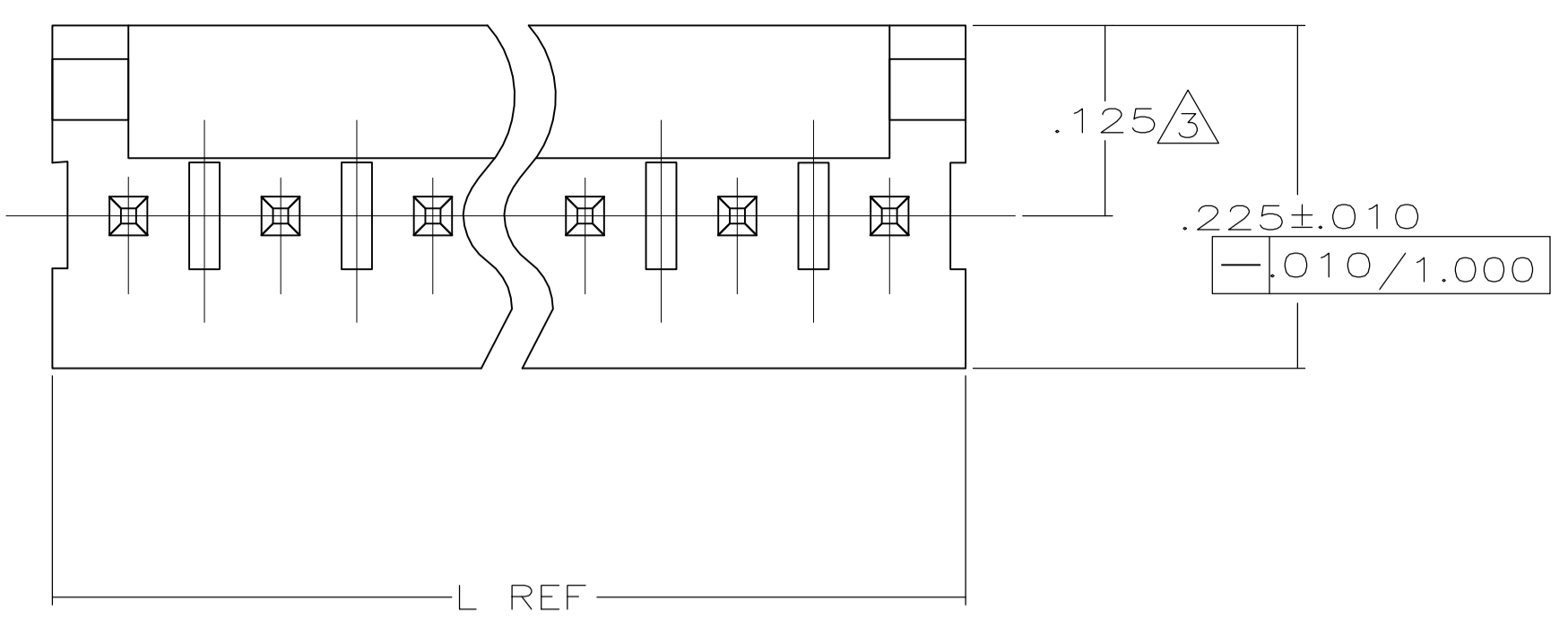
APPROVED: L.A. McEACHIN, 18-NOV-99
 D.P. BOSSI, 19-NOV-99
 NAME: D.P. BOSSI, 19-NOV-99

TYCO ELECTRONICS Corporation
 Harrisburg, Pa 17105-3608

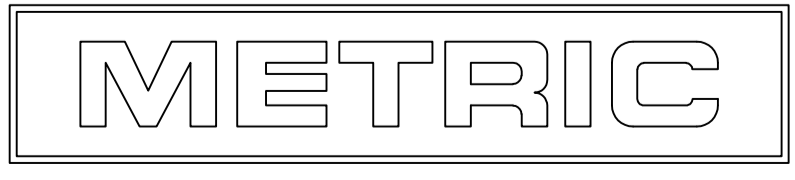
MTA 100 HEADER ASSEMBLY, FRICTION LOCK, NOTCHED, .025 SQUARE STRAIGHT POST, .000015 GOLD PLATED, TUBE LOADED

SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 647373

SCALE: 8:1
 SHEET: 1 OF 2
 REV: B1



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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L.A. McEACHIN 18-NOV-99	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: INCHES		CHK D.P. BOSSI 19-NOV-99	NAME D.P. BOSSI 19-NOV-99
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0. PLC ± -	PRODUCT SPEC
1. PLC ± -		2. PLC ± -	APPLICATION SPEC
3. PLC ± -		4. PLC ± -	ANGLES ± 0°30'
MATERIAL 7	FINISH 7	SIZE A1	WEIGHT -
CUSTOMER DRAWING		SCALE 8:1	RESTRICTED TO -
		DRAWING NO 00779	SHEET 2 OF 2
		REV C=647373	REV B1