



.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

TUBE LOADED HEADER ASSEMBLY NTS

- 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 $\overline{A-A}$
- 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.
- 18. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

13, 17	2	25	.900	22.86	9	3-647373-9
	2	28	.800	20.32	8	3-647373-8
13, 17	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
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
FINISH	PLUG	HEADER ASSEMBLY	IN	MM	NUMBER OF POSITIONS	PART NUMBER
	QTY PER TUBE	L				

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THIS DRAWING IS A CONTROLLED DOCUMENT.

APPROVED: D.P. BOSSI
 DATE: 19-NOV-99

DESIGNED: D.P. BOSSI
 DATE: 18-NOV-99

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

SCALE: 8:1 SHEET 1 OF 2

CUSTOMER DRAWING

