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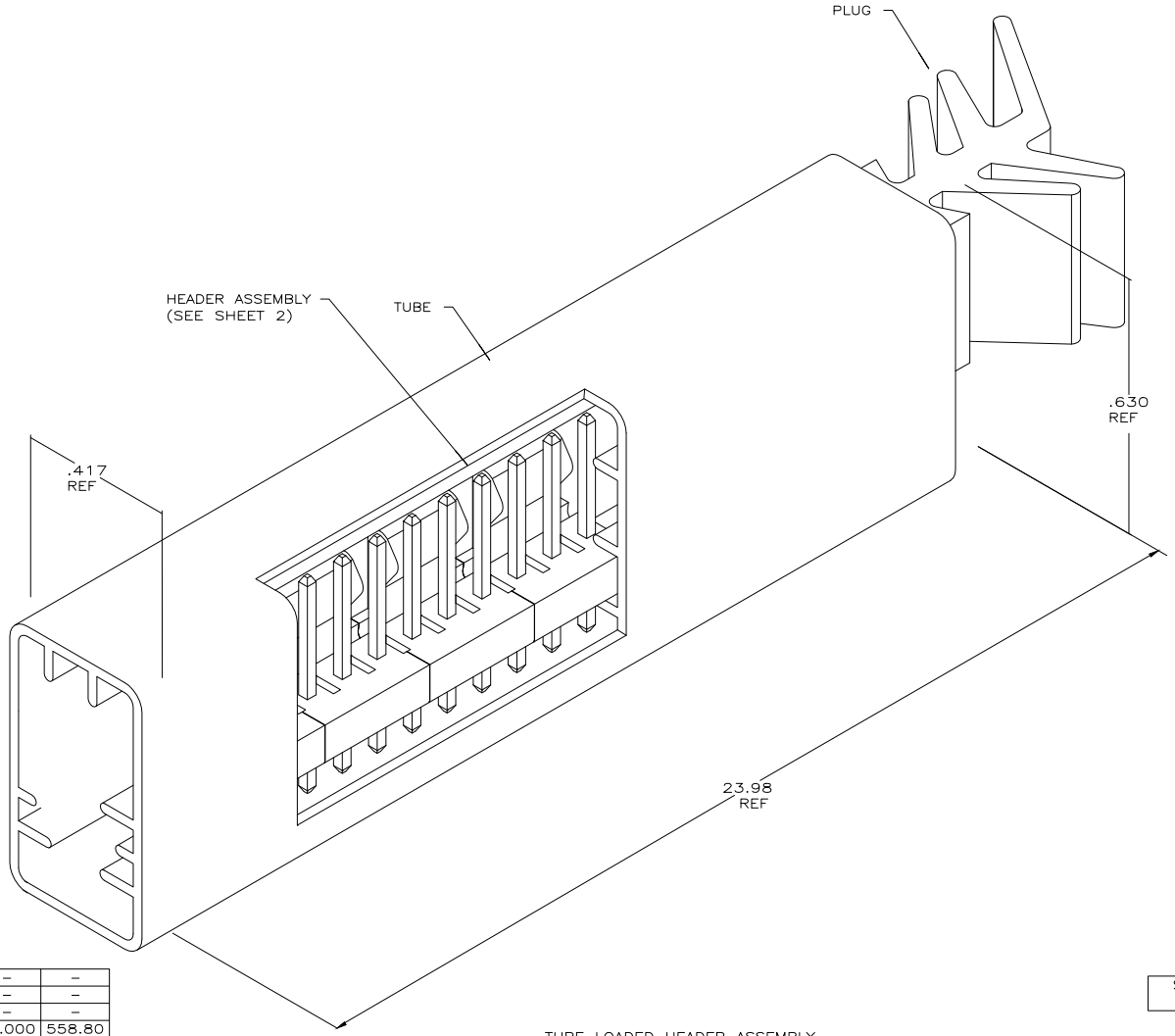
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B2	REVISED PER ECO-14-011424	23SEP14	MGM	CO



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 -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
	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SUPERSEDED 18	~~2~~	~~25~~	~~.900~~	~~22.86~~	~~9~~	~~647373-9~~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~~
13 14	2	37	.600	15.24	6	647373-6
SUPERSEDED 18	~~2~~	~~45~~	~~.500~~	~~12.70~~	~~5~~	~~647373-5~~
	~~2~~	~~56~~	~~.400~~	~~10.16~~	~~4~~	~~647373-4~~
18 SUPERSEDED	~~2~~	~~111~~	~~.200~~	~~5.08~~	~~2~~	~~647373-2~~
FINISH	PLUG	HEADER ASSEMBLY	IN	MM	NUMBER OF POSITIONS	PART NUMBER
	QTY PER TUBE		L			

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	0.00889	.225	5.72
.000150	0.00381	.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 15

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.13
3 PLC ± –
4 PLC ± –
ANGLES ± 0°30'

MATERIAL 7 FINISH 7

DWN	L.A. McEACHIN	18-NOV-99
CHK	D.P. BOSSI	19-NOV-99
APVD	D.P. BOSSI	19-NOV-99
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647373	–

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 2 | REV B2

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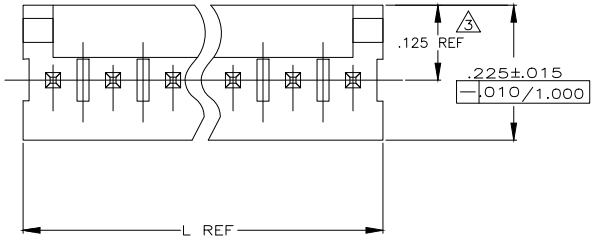
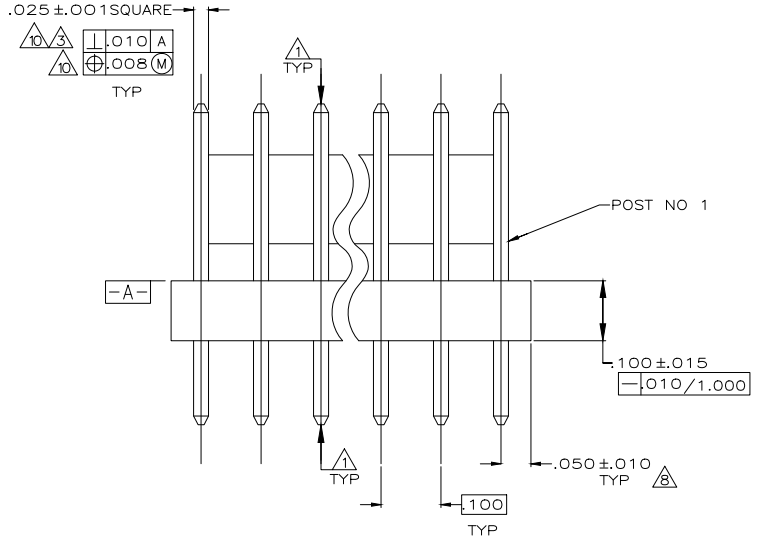
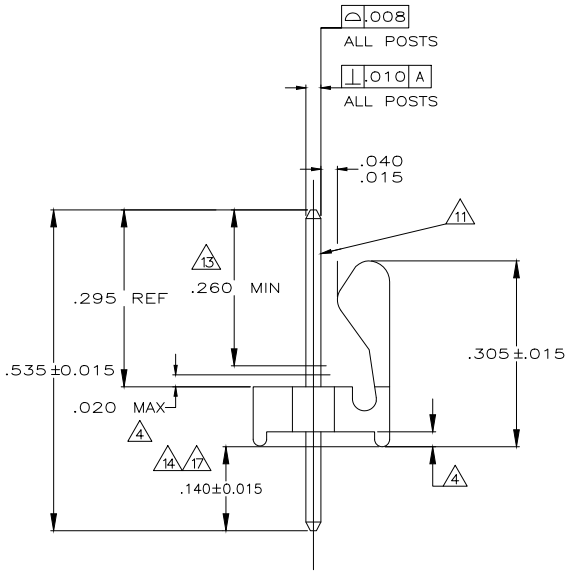
LOC	DIST
CM	00

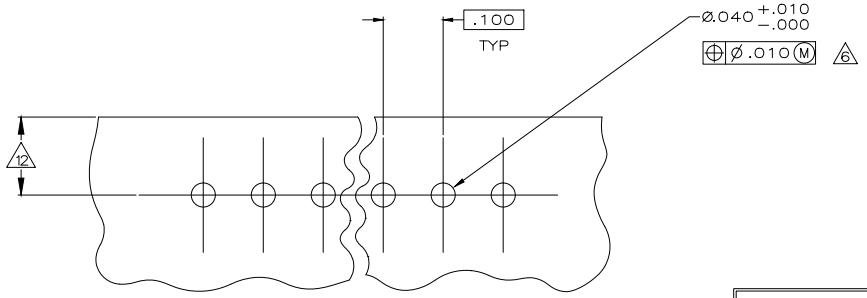
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–









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

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± 0°30'

MATERIAL 7 FINISH 7

DWN	L.A. McEACHIN 18-NOV-99
CHK	D.P. BOSSI 19-NOV-99
APVD	D.P. BOSSI 19-NOV-99
PRODUCT SPEC	–
APPLICATION SPEC	–
WEIGHT	–

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647373	–

CUSTOMER DRAWING | SCALE 8:1 | SHEET 2 OF 2 | REV B2

4805 (3/11)