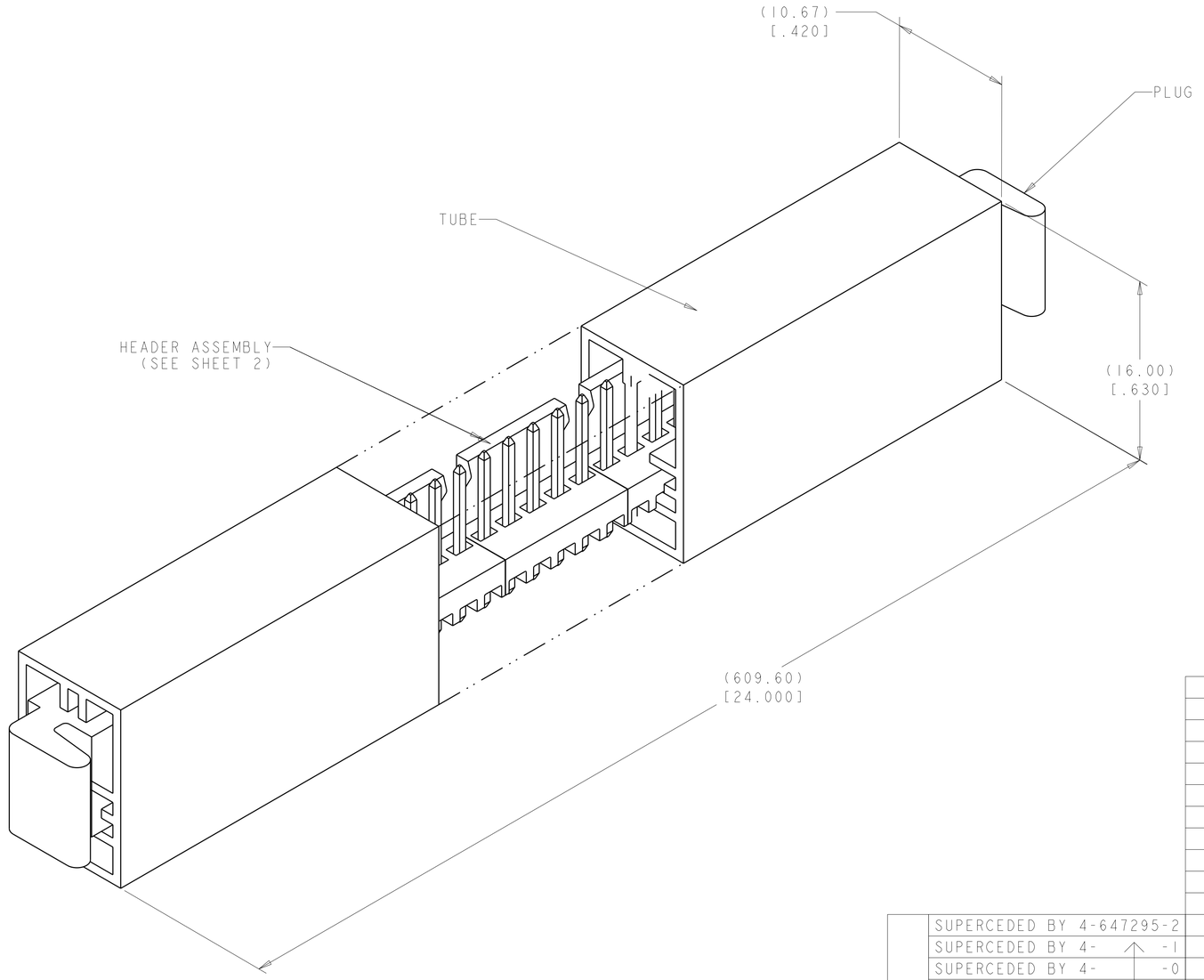
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECO-06-008105	01SEP2006	KW	DB
	K	ECO-07-018581	11OCT2007	KW	DB
	K1	ECO-07-030039	23JAN2008	KW	DB
	K2	REVISED PER ECO-09-025699	11DEC09	KK	AEG



TUBE LOADED HEADER ASSEMBLY

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 [-A-].
4. PARTS TO COMPLY WITH AMP SOLDERABILITY SPEC 109-11-2.
5. ONE HOLE MAY BE UNDERSIZED 0.81 - 0.89 [.032 - .035] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
6. MATERIAL: HOUSING : NYLON, 4/6, HIGH TEMP, BLACK.
   POST -2 THRU -12 :COPPER ALLOY TIN LEAD (93/7) PLATING
   POST -32 THRU -42 : COPPER ALLOY TIN PLATE
7. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
8. POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
9. TUBE MUST MAINTAIN PART ORIENTATION AND ALLOW FREE SLIDING AT A 45° TUBE INCLINE.
10. DIMENSIONS IN BRACKETS ARE IN INCHES.
11. AMP LOGO AND UL AND CSA TRADEMARKS TO APPEAR ON THIS SURFACE.
12. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

FINISH	W	G	PLUG	HEADER ASSEMBLIES QTY PER TUBE	L	NO. OF POSN	TUBE LOADED ASSEMBLY PART NUMBER
TIN	7.62 [.300]	12.70 [.500]	2	19	30.48 [1.200]	12	4-647295-2
TIN	-	10.16 [.400]	2	20	27.94 [1.100]	11	4-647295-1
TIN	-	7.62 [.300]	2	22	25.40 [1.000]	10	4-647295-0
TIN	-	5.08 [.200]	2	25	22.86 [.900]	9	3-647295-9
TIN	-	2.54 [.100]	2	28	20.32 [.800]	8	3-647295-8
TIN	-	-	2	32	17.78 [.700]	7	3-647295-7
TIN	-	-	2	38	15.24 [.600]	6	3-647295-6
TIN	-	-	2	45	12.70 [.500]	5	3-647295-5
TIN	-	-	2	57	10.16 [.400]	4	3-647295-4
TIN	-	-	2	76	7.62 [.300]	3	3-647295-3
TIN	-	-	2	114	5.08 [.200]	2	3-647295-2
TIN-LEAD	7.62 [.300]	12.70 [.500]	2	19	30.48 [1.200]	12	1-647295-2
TIN-LEAD	-	10.16 [.400]	2	20	27.94 [1.100]	11	1-647295-1
TIN-LEAD	-	7.62 [.300]	2	22	25.40 [1.000]	10	1-647295-0
TIN-LEAD	-	5.08 [.200]	2	25	22.86 [.900]	9	647295-9
TIN-LEAD	-	2.54 [.100]	2	28	20.32 [.800]	8	647295-8
TIN-LEAD	-	-	2	32	17.78 [.700]	7	647295-7
TIN-LEAD	-	-	2	38	15.24 [.600]	6	647295-6
TIN-LEAD	-	-	2	45	12.70 [.500]	5	647295-5
TIN-LEAD	-	-	2	57	10.16 [.400]	4	647295-4
TIN-LEAD	-	-	2	76	7.62 [.300]	3	647295-3
TIN-LEAD	-	-	2	114	5.08 [.200]	2	647295-2

12 SUPERCEDED BY 4-647295-2
SUPERCEDED BY 4- -1
SUPERCEDED BY 4- -0
SUPERCEDED BY 3- -9
SUPERCEDED BY 3- -8
SUPERCEDED BY 3- -7
SUPERCEDED BY 3- -6
SUPERCEDED BY 3- -5
SUPERCEDED BY 3- -4
SUPERCEDED BY 3- -3
SUPERCEDED BY 3-647295-2

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13 [.005]
3 PLC ±-
4 PLC ±-
ANGLES ±0°30'

MATERIAL 6
FINISH 6

METRIC

DWN K WHITAKER 02JAN2002
CHK D BOSSI 02JAN2002
APVD D BOSSI 02JAN2002
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME MTA-100 HEADER ASSY, HIGH TEMP, FRICTION LOCK,.025 SQ STR POST, TIN OR TIN-LEAD PLATED, TUBE LOADED

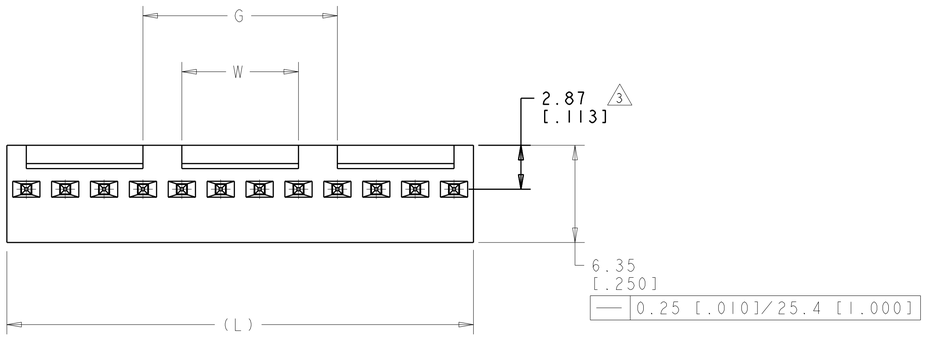
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647295	-

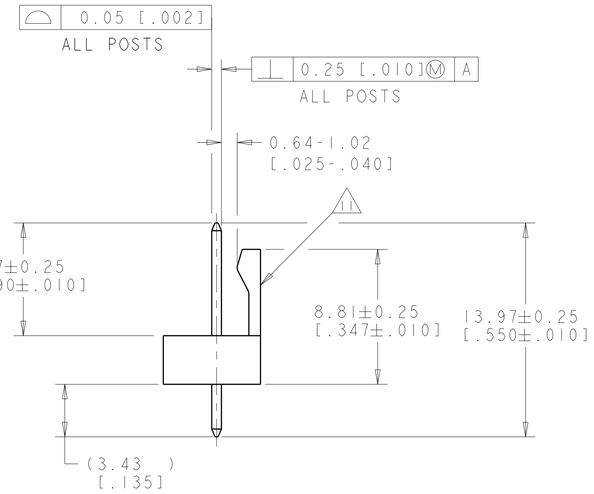
CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 2 | REV K2

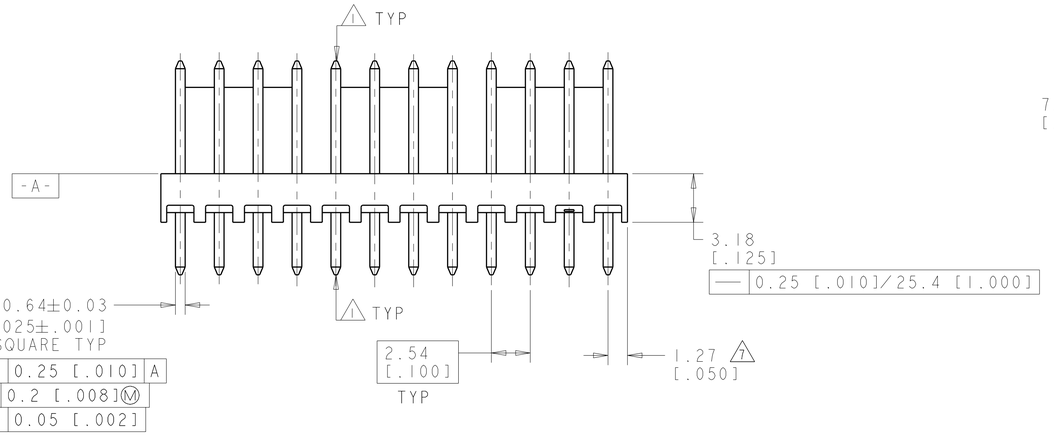
LOC	DIST
CM	00

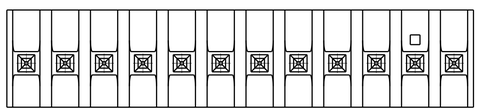
REVISIONS

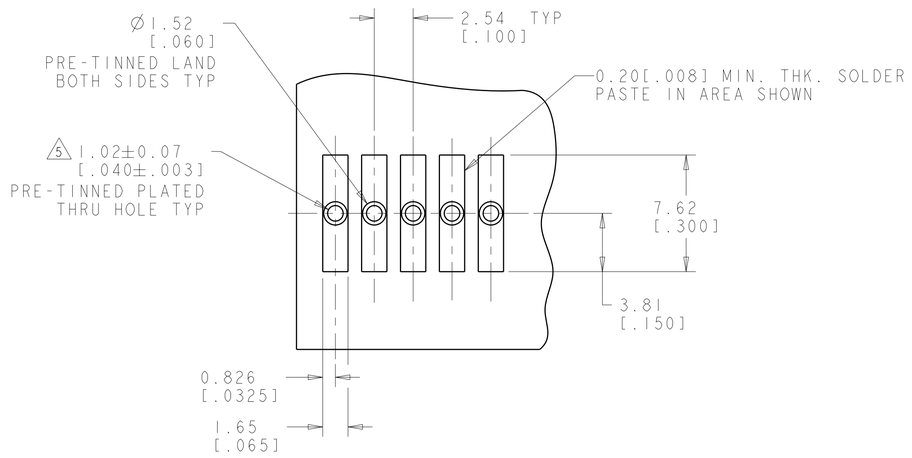
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-











RECOMMENDED MOUNTING HOLE PATTERN 2
FOR 1.57±0.20[.062±.008] THICK P.C. BOARD

METRIC

DIMENSIONS: mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13 [.005]
3 PLC ±-
4 PLC ±-
ANGLES ±0° 30'

MATERIAL -
FINISH -

DWN K. WHITAKER 02JAN2002
CHK D. BOSSI 02JAN2002
APVD D. BOSSI 02JAN2002
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME MTA-100 HEADER ASSY, HIGH TEMP, FRICTION LOCK, .025 SQ STR POST, TIN OR TIN-LEAD PLATED, TUBE LOADED

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647295	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 2 | REV K2