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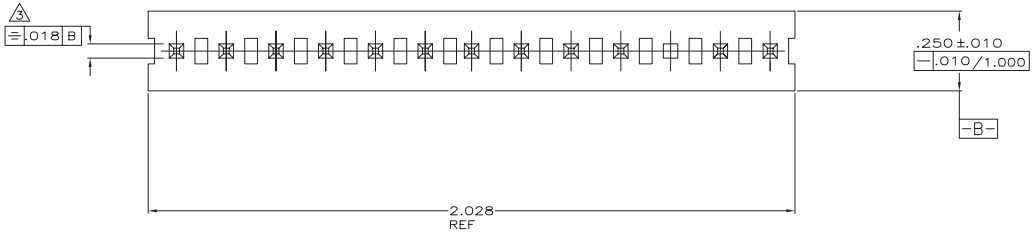
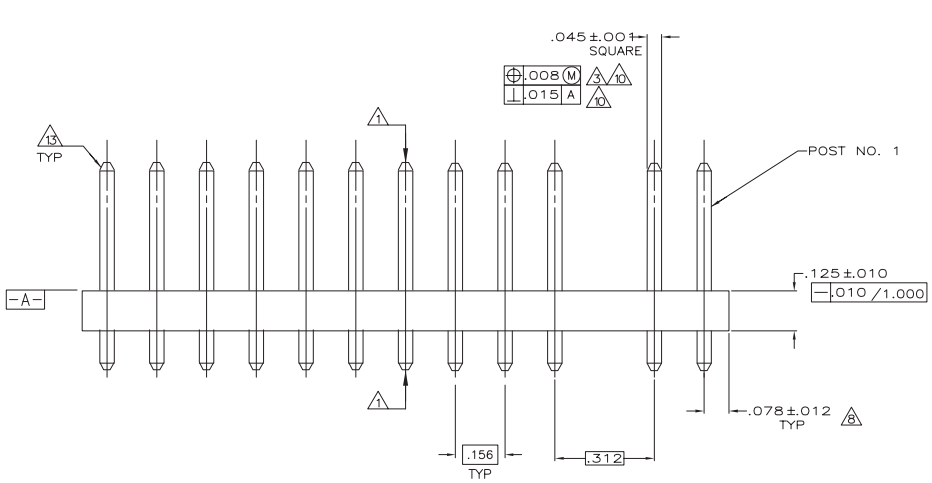
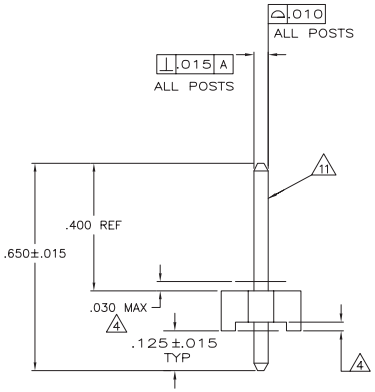
LOC	DIST
CM	0

REVISIONS

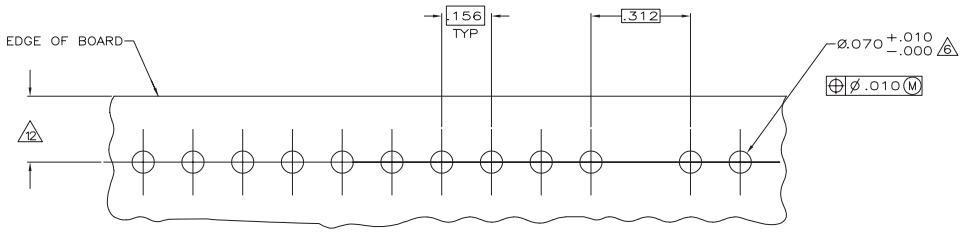
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	REVISED PER ECO-05-015607	19APR06	KW	DB







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 (.065/.060 DIA.) FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0(NATURAL) POST-COPPER ALLOY (TIN PLATED)
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 .140 MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
13. PIN BURR OF .005 MAX. VERTICAL AND .003 MAX. HORIZONTAL PERMITTED AT POST TIPS ON BOTH ENDS.



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

.063	1.60	-	-
.060	1.52	2.028	51.51
.045	1.14	1.000	25.40
.030	0.76	.700	17.78
.018	0.46	.450	11.43
.015	0.38	.312	7.92
.012	0.30	.250	6.35
.010	0.25	.156	3.96
.008	0.20	.140	3.56
.005	0.13	.125	3.18
.003	0.08	.078	1.98
.001	0.03	.070	1.78
.000	0.00	.065	1.65
IN	MM	IN	MM

CONVERSION TABLE

647099-1 SHOWN

5 & 11	647099-6
5 & 8	647099-5
4	647099-4
8	647099-3
5	647099-2
3	647099-1
POST NO. OMITTED	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -

MATERIAL 7
FINISH 7

DRN K. WHITAKER 19APR2006
CHK D. BOSSI 19APR2006
APVD D. BOSSI 19APR2006
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —
CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 SQUARE POST, TIN PLATED, 13 POSITION, OMITTED POST

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-647099	—

SCALE	SHEET	OF	REV
5:1	1	1	C

METRIC