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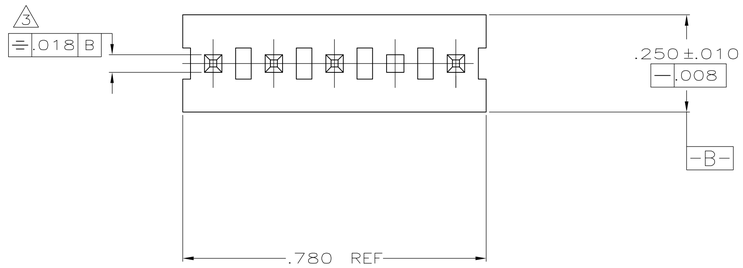
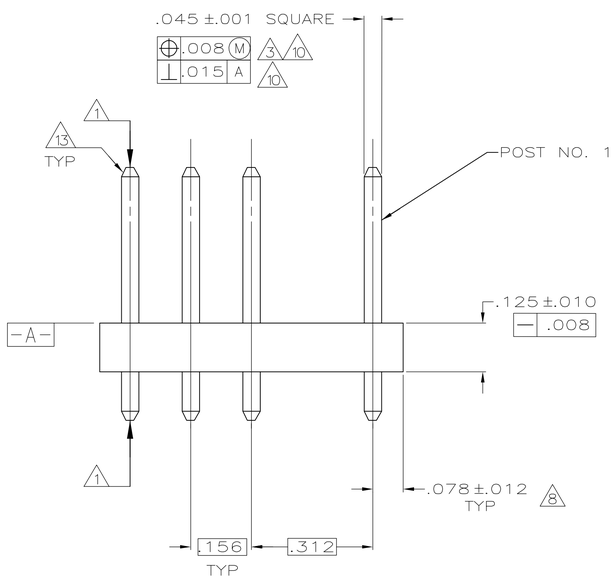
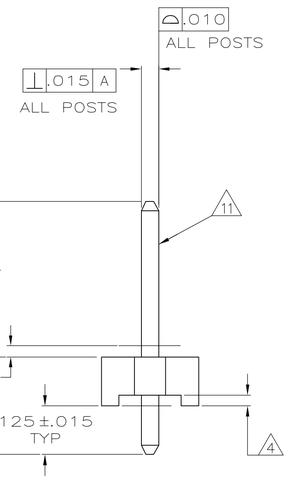
LOC	DIST
CM	0

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO-05-015607	18APR06	KW	DB





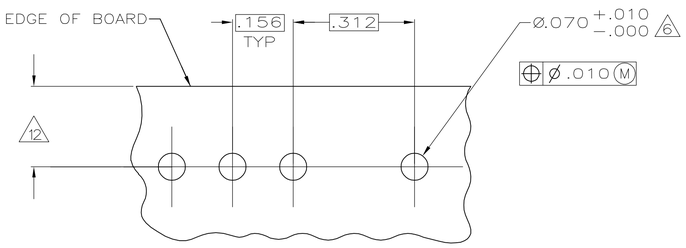


1. POST TO WITHSTAND 13 NEWTONS (3LBS.) MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT SURFACE -A-
4. PLASTIC FLASH PERMITTED IN THIS AREA.
5. PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
6. ONE HOLE MAY BE UNDERSIZED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

2	643245-1
POST NUMBER OMITTED	PART NUMBER

643245-1 SHOWN

.065	1.65	-	-
.063	1.60	-	-
.060	1.52	-	-
.045	1.14	.780	19.81
.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
IN	MM	IN	MM
CONVERSION TABLE			



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

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 7

FINISH 7

DWN K. WHITAKER	18APR2006
CHK D. BOSSI	18APR2006
APVD D. BOSSI	18APR2006
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
MTA-156 HEADER ASSEMBLY, PLAIN, STRAIGHT, .045 SQUARE POST, TIN PLATED, 5 POSITION, OMITTED POST

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-643245	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV H