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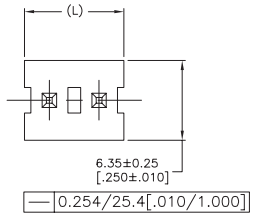
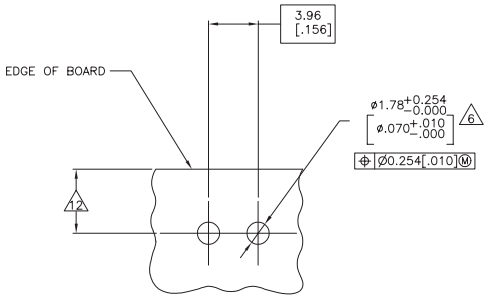
LOC	DIST
CM	00

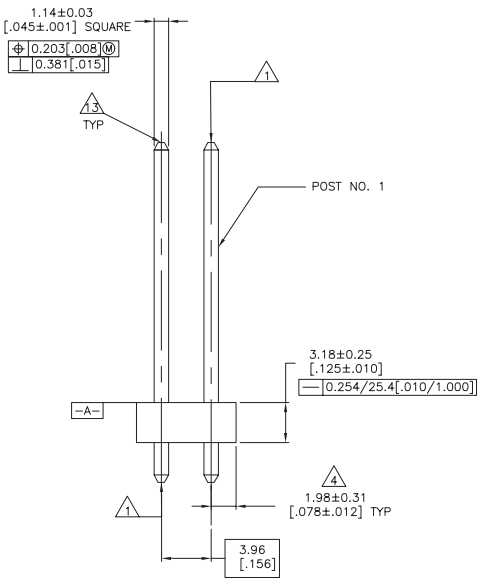
REVISIONS

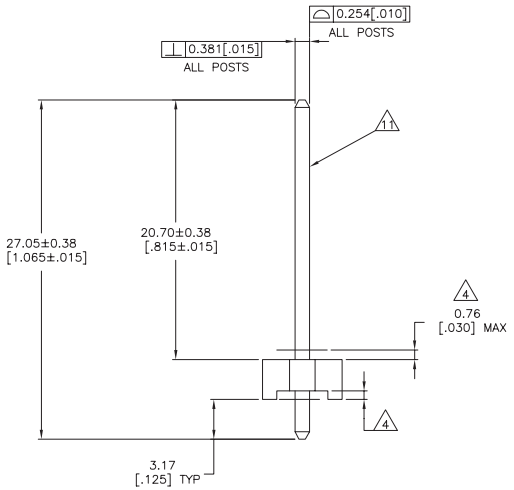
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	EC 0638 0226 05	03SEP05	BSV	DB





RECOMMENDED MOUNTING HOLE PATTERN FOR 1.600 [.063] THICK P.C.BOARD 2





1. POST TO WITHSTAND 13 NEWTONS [3.0] LBS MIN. AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
2. TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
3. MEASURED AT DATUM −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 1.65/1.52 [.065/.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
7. MATERIAL: HEADER−THERMOPLASTIC POLYESTER 94V−O(NATURAL)
   POST−COPPER ALLOY (TIN OR TIN−LEAD PLATED − SEE TABLE FOR DETAILS)
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 3.556 [.140] MIN WHEN MATING WITH A MTA−156 CONNECTOR ASSEMBLY OR A SL−156 CONNECTOR ASSEMBLY.
13. PIN BURR OF 0.127 [.005] MAX. HIGH AND 0.076 [.003] MAX. WIDE PERMITTED AT POST TIPS ON BOTH ENDS.

FINISH	IN	MM	NUMBER OF POSITIONS	PART NUMBER
	L			
TIN	.312	7.92	2	3−647259−2
TIN−LEAD	.312	7.92	2	647259−2

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± − ; 1 PLC ± − ; 2 PLC ± − ; 3 PLC ± 0.13[.005] ; 4 PLC ± − ; ANGLES ± −

MATERIAL 7 FINISH 7

DWN S.HAMM 30JUL01
CHK D.ROSSI 30JUL01
APVD D.ROSSI 30JUL01
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, PA 17105−3608

NAME ASSEMBLY, MTA−156 HEADER PLAIN, STRAIGHT, 1.143 [.045] SQUARE POST, TIN OR TIN−LEAD PLATED,SPECIAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	Ⓒ647259	—

SCALE 5:1 SHEET 1 OF 1 REV C