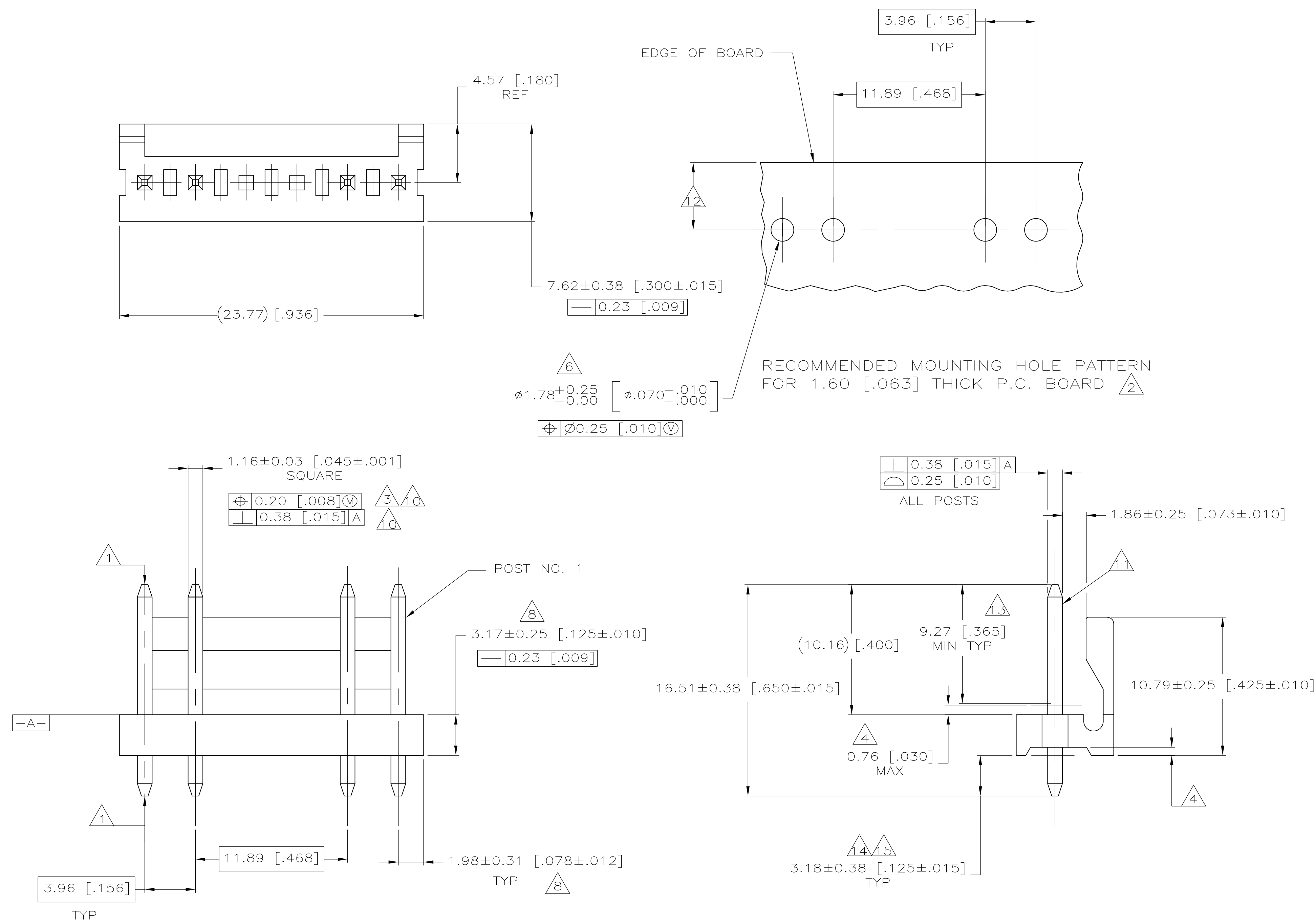


|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| CM  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | G   | REVISED PER ECO-12-009789 | 090CT12 | KH  | SM   |



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  $\boxed{-A-}$

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  
GLASS-FILLED 94V-0 (NATURAL)  
POST-COPPER ALLOY (SEE NOTES  
13 & 14 FOR PLATING)

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 4.45 [.175] MIN WHEN MATING WITH AN MTA 156 CONNECTOR ASSEMBLY OR AN SL 156 CONNECTOR ASSEMBLY.

13 PLATING: GOLD PLATE AREA, 0.00076[.000030] GOLD OR 0.000076[.000003] MIN GOLD FLASH OVER 0.00068[.000027] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127[.000050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.

14 PLATING: BRIGHT TIN/LEAD (9/37) PLATE AREA, 0.00381-0.00889[.000150-.000350] THICK, ALL FOUR SIDES, 3.18 [.125] MIN FOR -1 THRU -3.

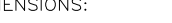
15 PLATING: MATTE TIN PLATE AREA, 0.00381-0.00889 [.000150-.000350] THICK, ALL FOUR SIDES 3.18 [.125] FOR 3--1 THRU 3--3.

16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

17 PARTS MEET UL 508 TABLE 15.1

~~647271-1~~ SHOWN

|                                                     |        |                     |             |
|-----------------------------------------------------|--------|---------------------|-------------|
| CONTROLLED BY 3-647271-3<br>PRELIMINARY<br>OBSOLETE | 13115  | 2 & 5               | 3-647271-3  |
|                                                     | 13115  | 3 & 5               | 3-647271-2  |
|                                                     | 13115  | 3 & 4               | 3-647271-1  |
|                                                     | 13114  | 2 & 5               | -647271-3-  |
|                                                     | 13114  | 3 & 5               | 647271-2    |
|                                                     | 13114  | 3 & 4               | -647271-1-  |
|                                                     | FINISH | POST NUMBER OMITTED | PART NUMBER |

|                                                                                                   |                                                                                                 |                                                                                                                               |                                                                                                       |                                               |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |                                                                                                 | DWN<br>S. HOOVER<br>07NOV02<br>OR<br>D. BOSSI<br>07NOV02<br>APVD<br>D. BOSSI<br>07NOV02                                       |  TE Connectivity |                                               |
| DIMENSIONS:<br>mm [INCHES]                                                                        | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                       | NAME<br>MTA-156 HEADER ASSEMBLY, FRICTION LOCK,<br>STRAIGHT, 1.14 [045] SQUARE POST,<br>.00030 GOLD, 6 POSITION, OMITTED POST |                                                                                                       |                                               |
|              | 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± —<br>3 PLC ± —<br>4 PLC ± —<br>ANGLES ± —                     | PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>—                                                                                    | SIZE<br>A1                                                                                            | CAGE CODE<br>00779                            |
| MATERIAL<br> | FINISH<br> | WEIGHT<br>—                                                                                                                   | DRAWING NO<br>C-647271                                                                                | RESTRICTED TO<br>SCALE 1:1 SHEET 1 OF 1 REV C |
| CUSTOMER DRAWING                                                                                  |                                                                                                 |                                                                                                                               |                                                                                                       |                                               |