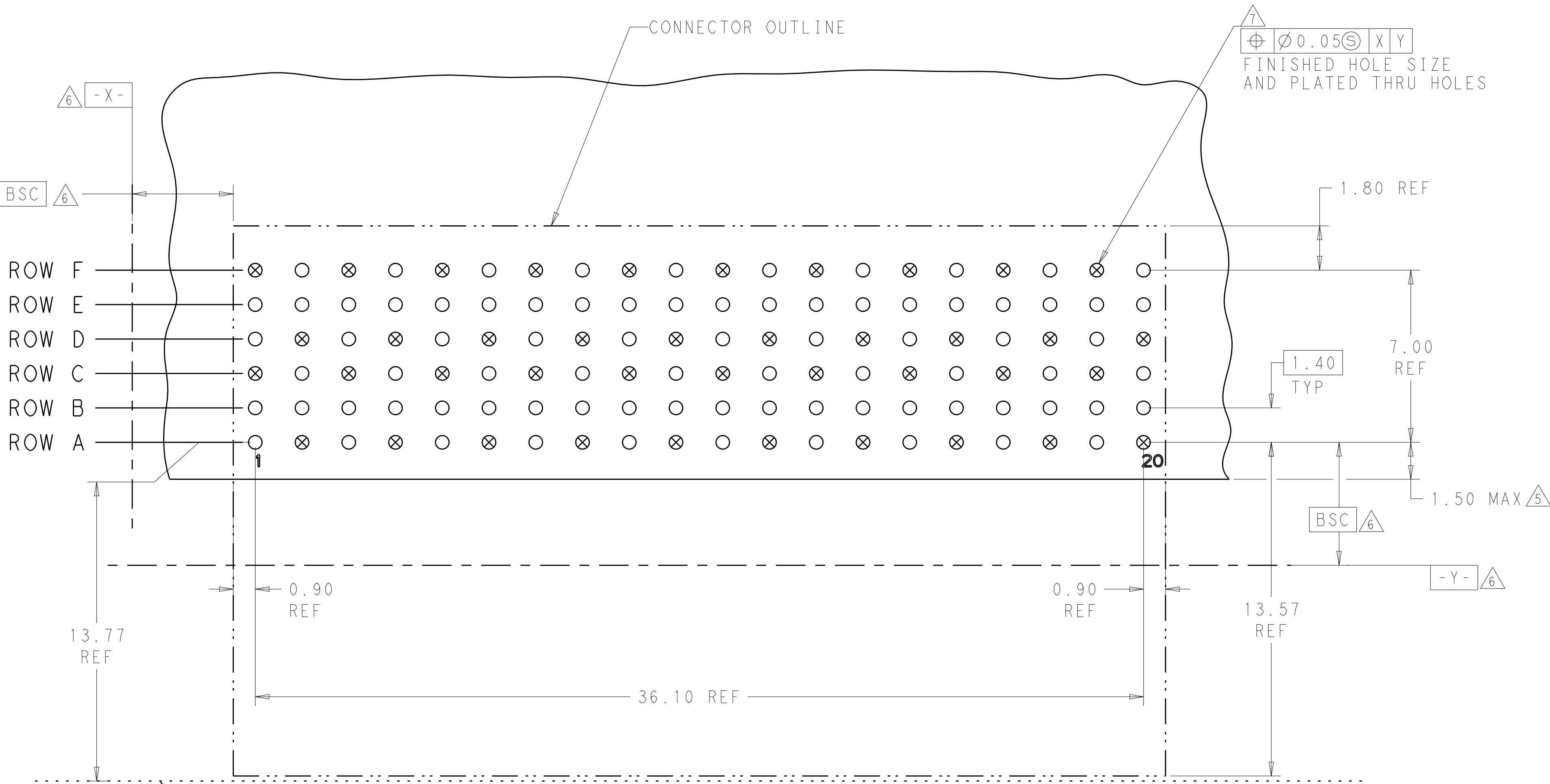
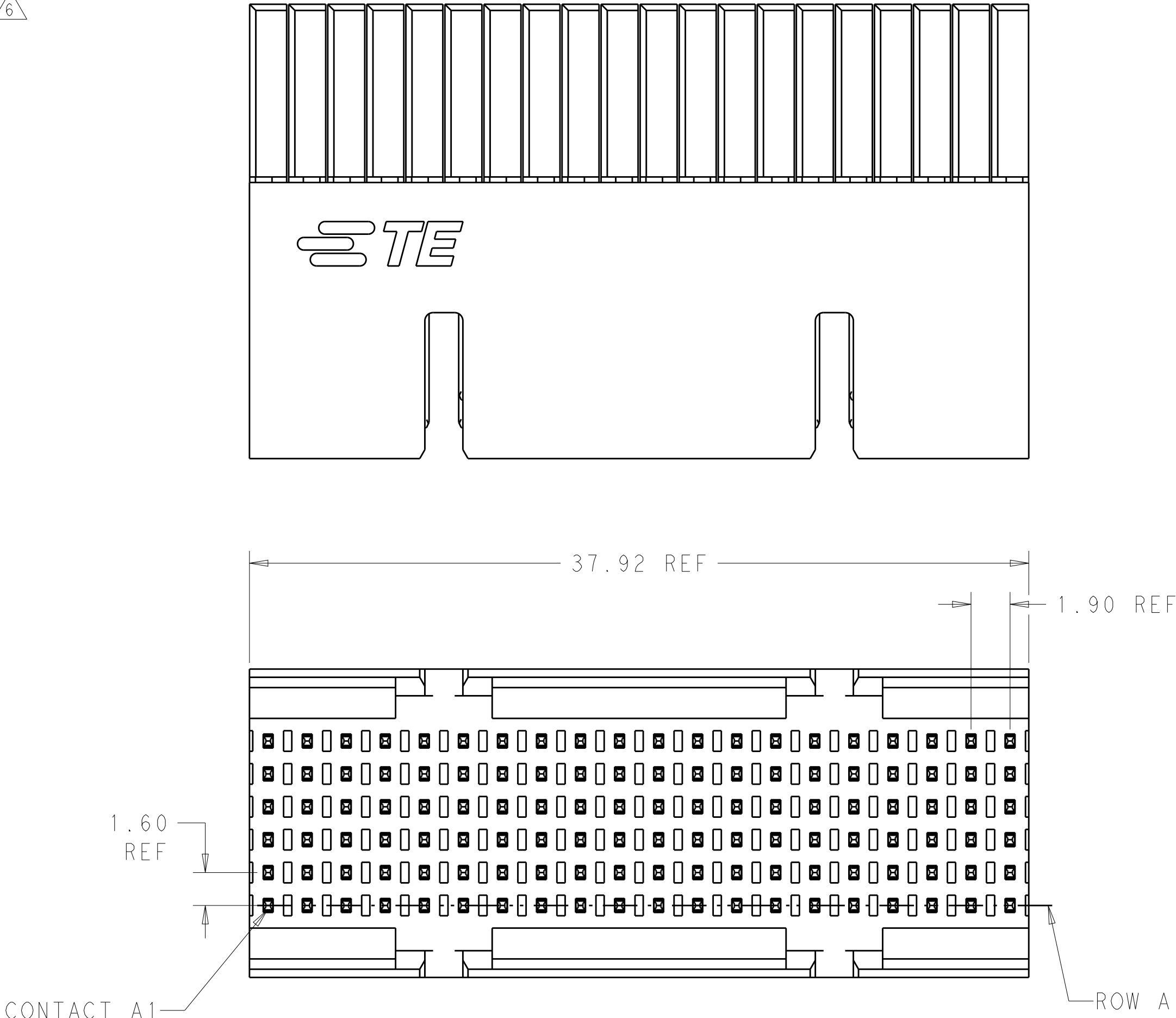
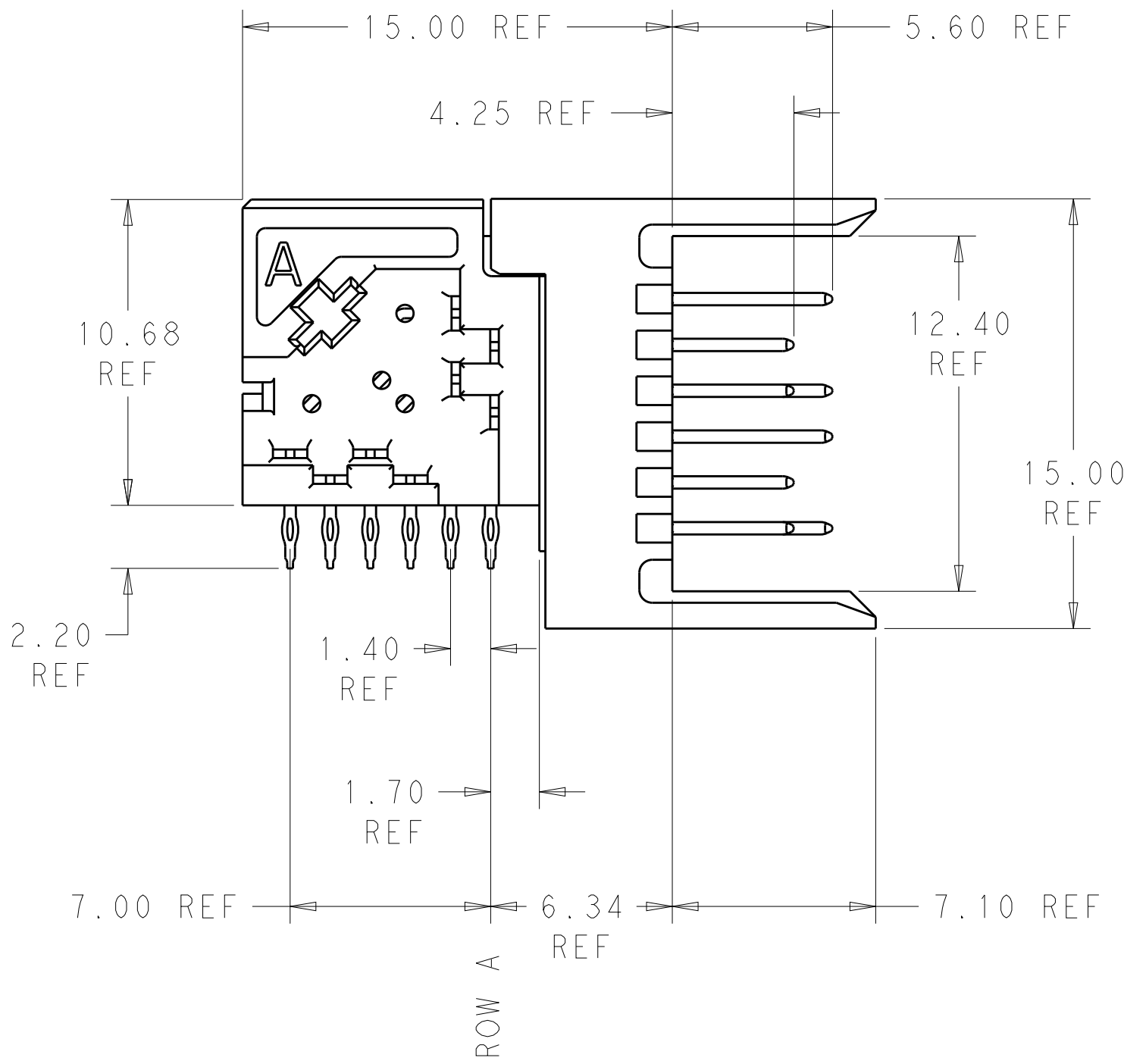


| LOC |   | DIST |     | REVISIONS                 |  |           |     |      |
|-----|---|------|-----|---------------------------|--|-----------|-----|------|
| -   | - | -    | -   | DESCRIPTION               |  | DATE      | DWN | APVD |
|     |   | P    | LTR |                           |  |           |     |      |
|     |   | A    |     | REVISED PER ECO-12-018102 |  | 11OCT2012 | MGM | CT   |
|     |   | B    |     | ECO-13-004759             |  | 01APR2013 | KG  | DH   |
|     |   |      |     |                           |  |           |     |      |
|     |   |      |     |                           |  |           |     |      |



○ = SIGNAL  
⊗ = GROUND  
RECOMMENDED DIFFERENTIAL PAIR PC BOARD LAYOUT  
COMPONENT SIDE SHOWN  
SCALE 8:1

- 1 MATERIAL:  
CONTACT AND SHIELD: COPPER ALLOY  
HOUSING AND CHICKLET: LCP, COLOR: BLACK
- 2 FINISH:  
CONTACT: MATING AREA: 1.27µm MIN GOLD OVER  
1.27µm MIN NICKEL  
SHIELD: 1.27µm MIN NICKEL
- 3 FINISH:  
COMPLIANT PIN AREA: 0.5µm MIN BRIGHT TIN LEAD OVER  
1.27µm MIN NICKEL
- 4 FINISH:  
COMPLIANT PIN AREA: 0.5µm MIN MATTE TIN OVER  
1.27µm MIN NICKEL
- 5 DIMENSION APPLIES TO CENTERLINE OF THRU HOLE.
- 6 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 REFERENCE APPLICATION SPEC 114-13267 FOR RECOMMENDED  
PLATED THRU HOLE DIAMETER AND PLATING THICKNESS.
- 8 RECOMMENDED DIFFERENTIAL PAIR CONFIGURATION SHOWN.  
THE CONNECTOR UTILIZES AN OPEN PIN FIELD AND  
CAN BE LAID OUT IN A SINGLE-ENDED CONFIGURATION.



|        |   |                |
|--------|---|----------------|
| 2      | 4 | 2102096-2      |
| 2      | 3 | 2102096-1      |
| FINISH |   | PART<br>NUMBER |

|                                                                                                |  |                                                            |           |                                                                                |  |
|------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|-----------|--------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>D. BELACK<br>CHK<br>A. TSANG<br>APVD<br>M. McALONIS | 24NOV2010 | TE Connectivity                                                                |  |
| DIMENSIONS:<br>mm                                                                              |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                  |           | NAME<br>Fortis Zd, 2-PAIR, 20-COLUMN, R/A,<br>CENTER MODULE ASSEMBLY           |  |
| 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES<br>FINISH                                  |  | ±<br>±0.13<br>±0.05<br>±<br>±<br>±2°<br>-                  |           | PRODUCT SPEC<br>108-2409<br>APPLICATION SPEC<br>114-13267<br>WEIGHT<br>~13.12g |  |
| MATERIAL                                                                                       |  | CUSTOMER DRAWING                                           |           | SIZE<br>A100779C=2102096                                                       |  |
|                                                                                                |  |                                                            |           | RESTRICTED TO<br>-                                                             |  |
|                                                                                                |  |                                                            |           | SCALE<br>5:1                                                                   |  |
|                                                                                                |  |                                                            |           | SHEET<br>1 OF 1                                                                |  |
|                                                                                                |  |                                                            |           | REV<br>B                                                                       |  |