

| LOC | DIST | REVISIONS |     |                           |           |     |
|-----|------|-----------|-----|---------------------------|-----------|-----|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN |
|     |      | A         |     | REVISED PER ECO-12-018102 | 11OCT2012 | MGM |
|     |      | B         |     | ECO-13-004759             | 01APR2013 | KG  |
|     |      | C         |     | REVISED PER ECO-14-014385 | 20NOV14   | MGM |
|     |      |           |     |                           |           |     |

| APVD | CT | DH | CT |
|------|----|----|----|
|      |    |    |    |
|      |    |    |    |

$\varnothing 0.05$  X Y  
FINISHED HOLE SIZE  
AND PLATED THRU HOLES

CONNECTOR  
OUTLINE

ROW F  
ROW E  
ROW D  
ROW C  
ROW B  
ROW A

0.80  
REF

20

1.90 TYP

TOP OF DAUGHTER  
CARD PCB

0.90  
REF

36.10 REF

0.90  
REF

○ = SIGNAL

⊗ = GROUND

RECOMMENDED DIFFERENTIAL PAIR PC BOARD LAYOUT  
COMPONENT SIDE SHOWN  
SCALE 8:1

1.85 REF

6  
-Y-

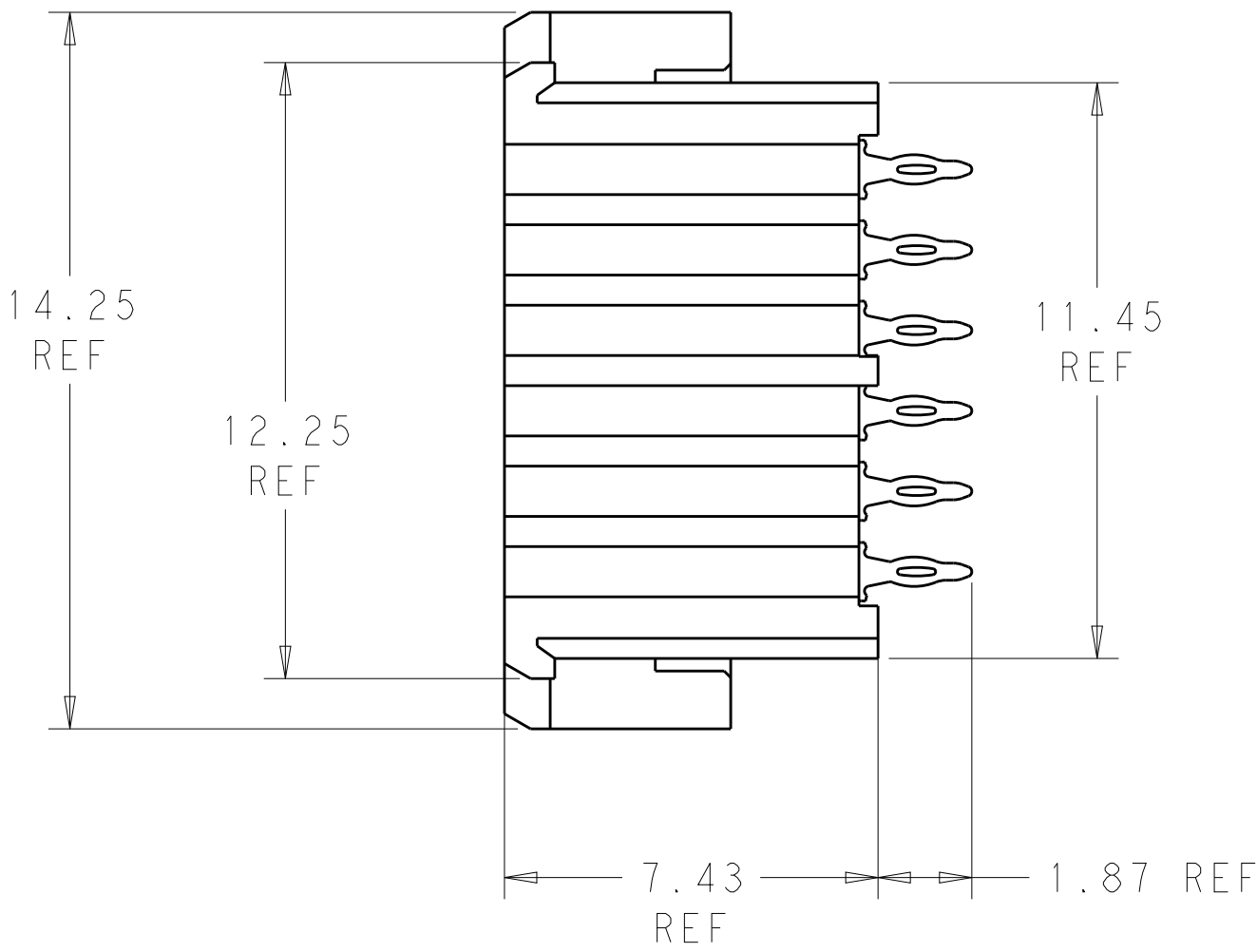
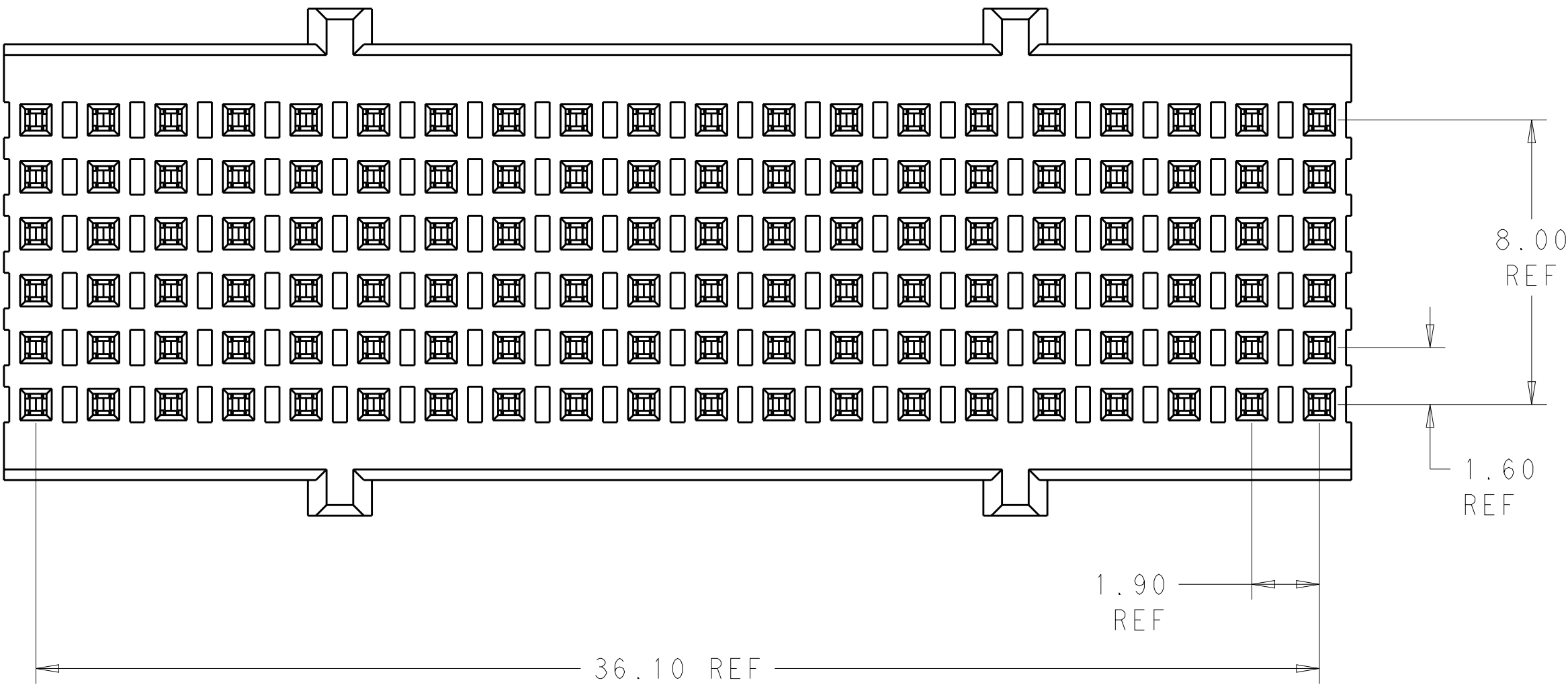
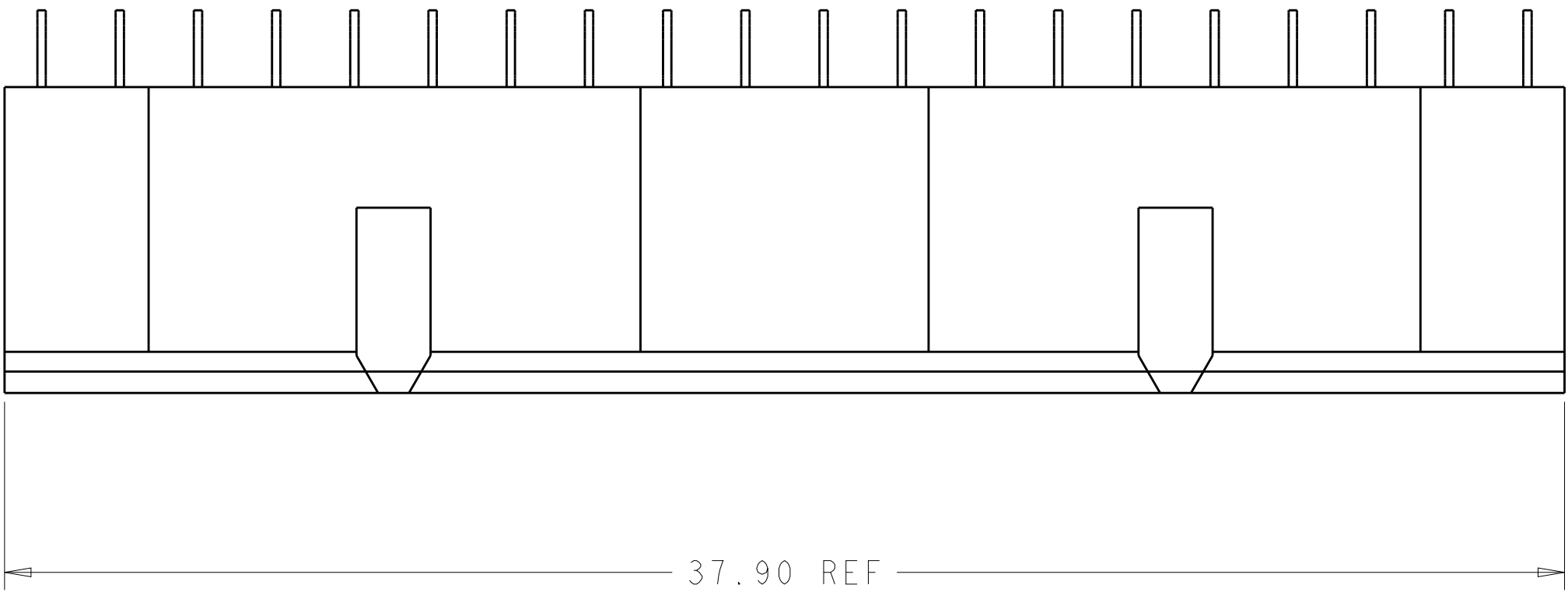
BSC 6

8.00  
REF

1.60  
TYP

BSC 6

6  
-X-



- 1 MATERIAL:  
CONTACT - COPPER ALLOY  
HOUSING - LCP, COLOR - BLACK
- 2 FINISH:  
MATING AREA: 1.27µm MIN GOLD OVER  
1.25µm MIN NICKEL
- 3 FINISH:  
COMPLIANT PIN AREA: 0.38µm MIN BRIGHT TIN LEAD  
OVER 1.27µm MIN NICKEL
- 4 FINISH:  
COMPLIANT PIN AREA: 0.38µm MIN MATTE TIN  
OVER 1.27µm MIN NICKEL
- 5 --
- 6 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 7 REFERENCE APPLICATION SPEC 114-13267 FOR RECOMMENDED  
PLATING 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    | 2102098-2      |
| 2 3    | 2102098-1      |
| FINISH | PART<br>NUMBER |

|                                                                                                   |  |                                           |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER GPS (ISO STANDARDS) |  | DWN<br>D. BELACK 04NOV2010                |  |  TE Connectivity |  |
|                                                                                                   |  | CHK<br>A. TSANG                           |  |                                                                                                       |  |
| DIMENSIONS:                                                                                       |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME                                                                                                  |  |
| mm                                                                                                |  |                                           |  | Fortis Zd, 2-PAIR, 20-COLUMN<br>VERTICAL, CENTER MODULE<br>ASSEMBLY                                   |  |
|                                                                                                   |  |                                           |  |                                                                                                       |  |