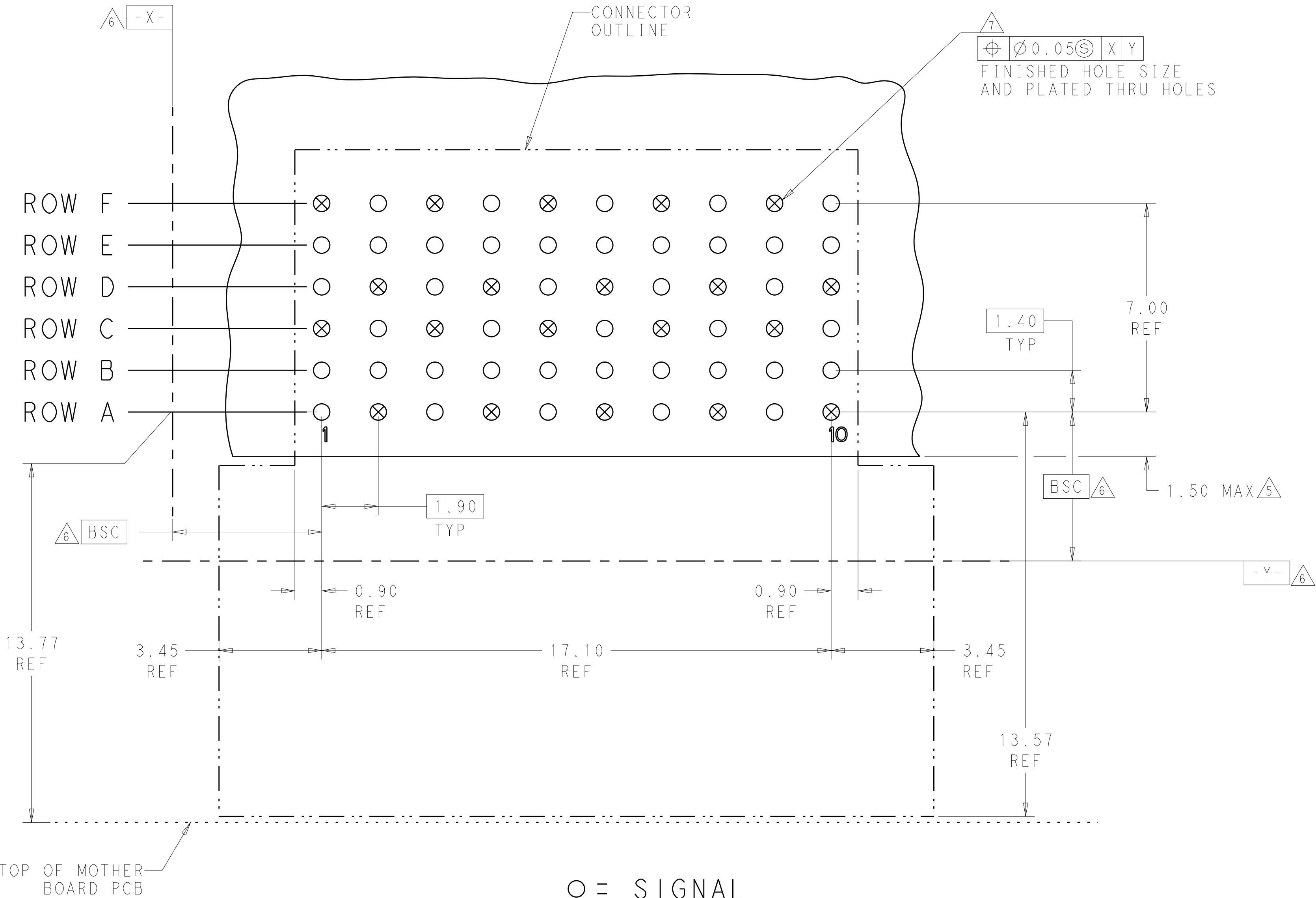


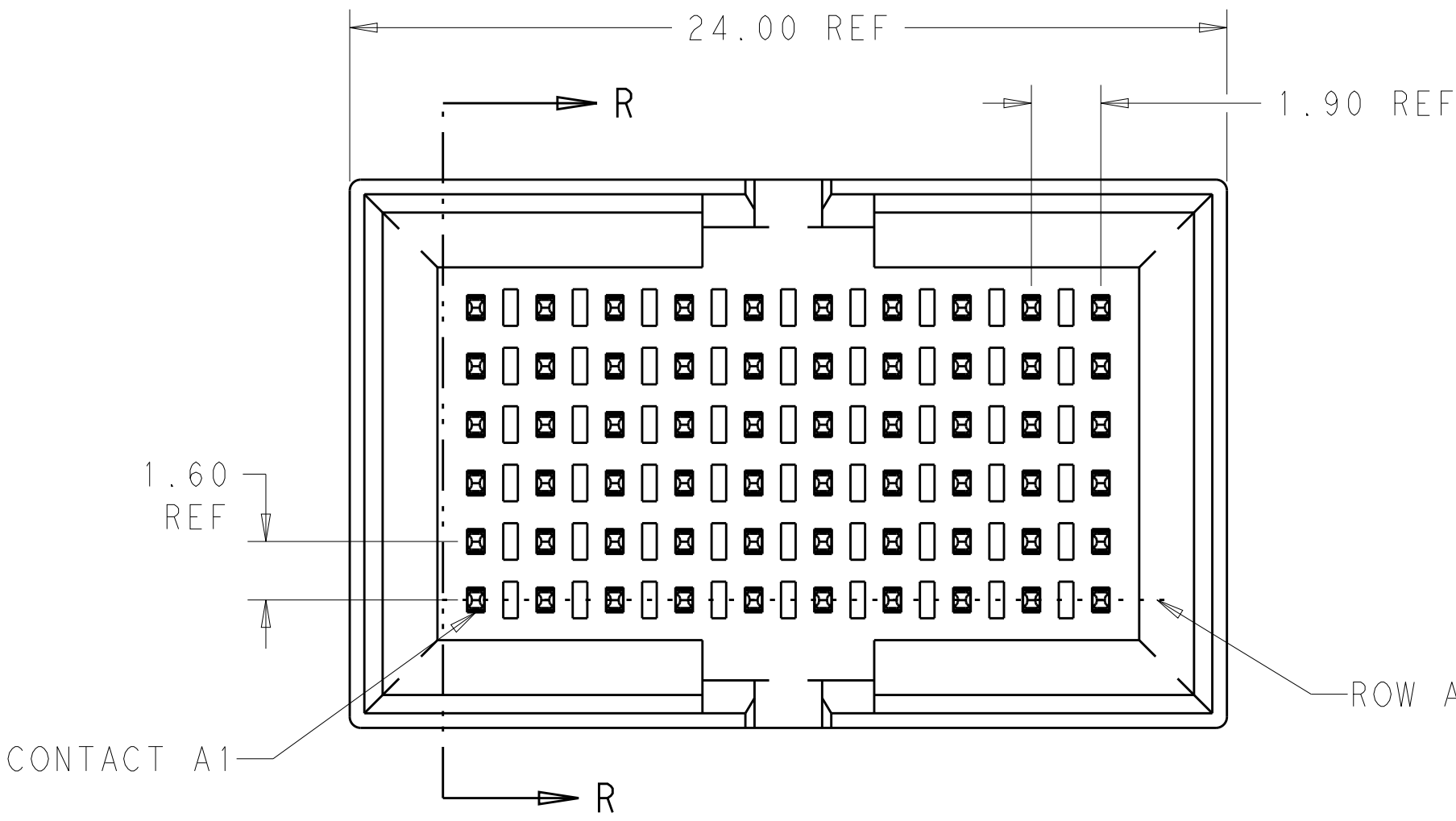
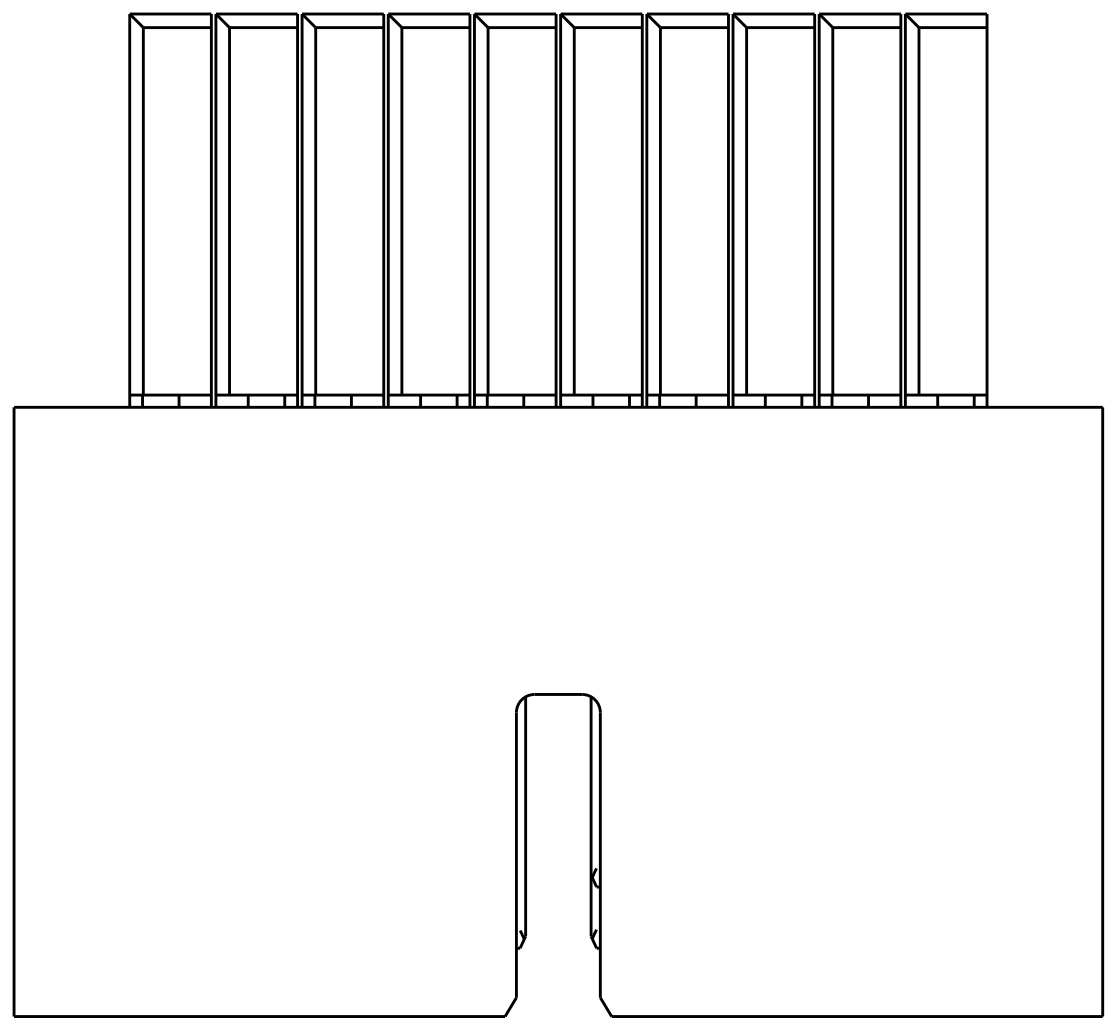
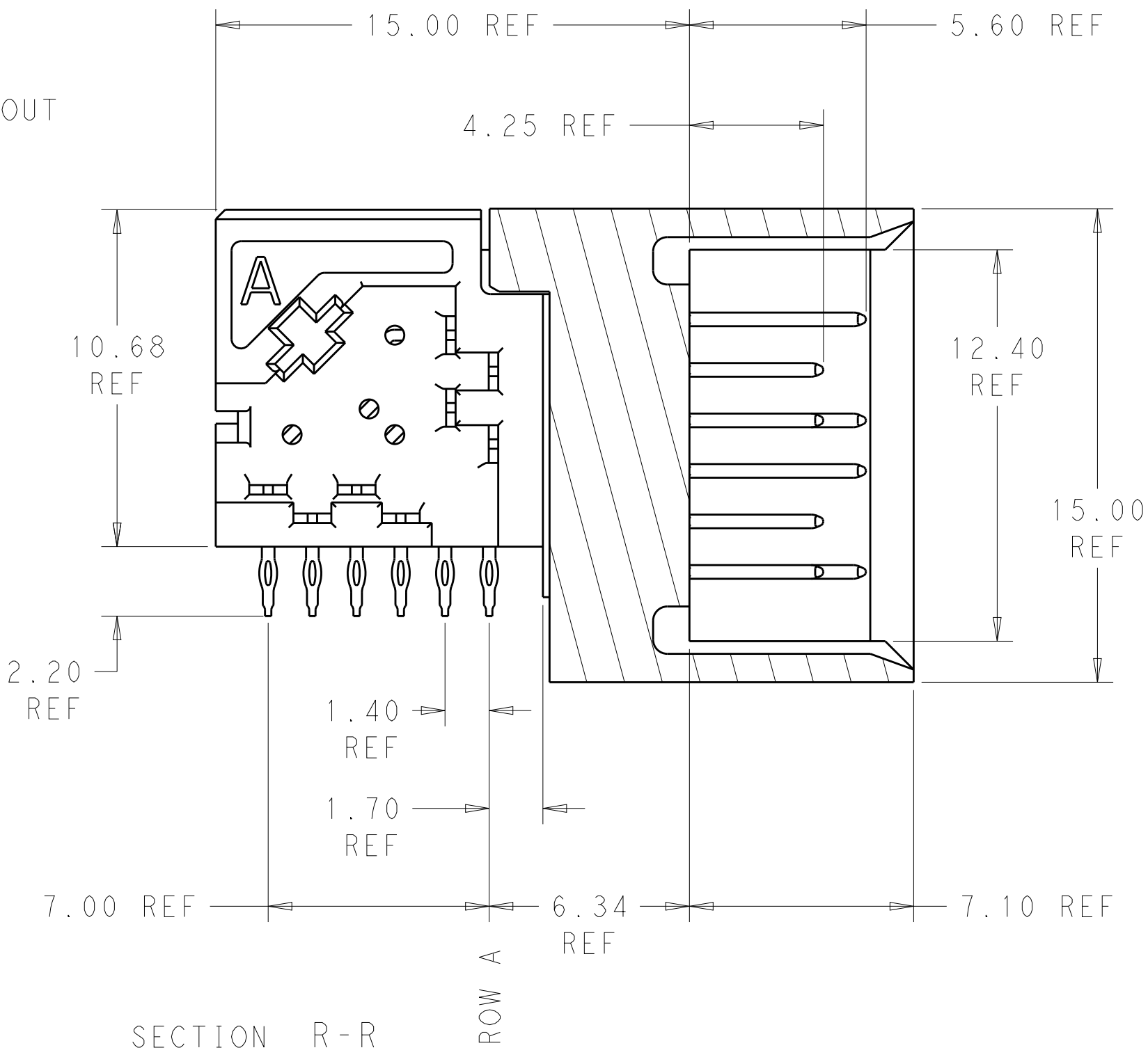
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
		A		REVISED PER ECO-12-018102	11OCT2012	MGM
		B		ECO-13-004759	01APR2013	KG



○ = SIGNAL
⊗ = GROUND

RECOMMENDED DIFFERENTIAL PAIR PC BOARD LAYOUT
COMPONENT SIDE SHOWN
SCALE 10:1

- 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	2102081-2
2	3	2102081-1
FINISH		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.		DWN D. BELACK CHK N. GARIBALDI APVD M. McALONIS	24NOV2010	TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME Fortis Zd, 2-PAIR, 10-COLUMN, R/A FULL SHROUD ASSEMBLY	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES FINISH		± ±0.13 ±0.05 ± ± ±2° -		PRODUCT SPEC 108-2409 APPLICATION SPEC 114-13267 WEIGHT ~7.45g	
MATERIAL		Customer Drawing		SIZE A100779	
				CAGE CODE C=2102081	
				RESTRICTED TO -	
				SCALE 6:1	
				SHEET 1 OF 1	
				REV B	