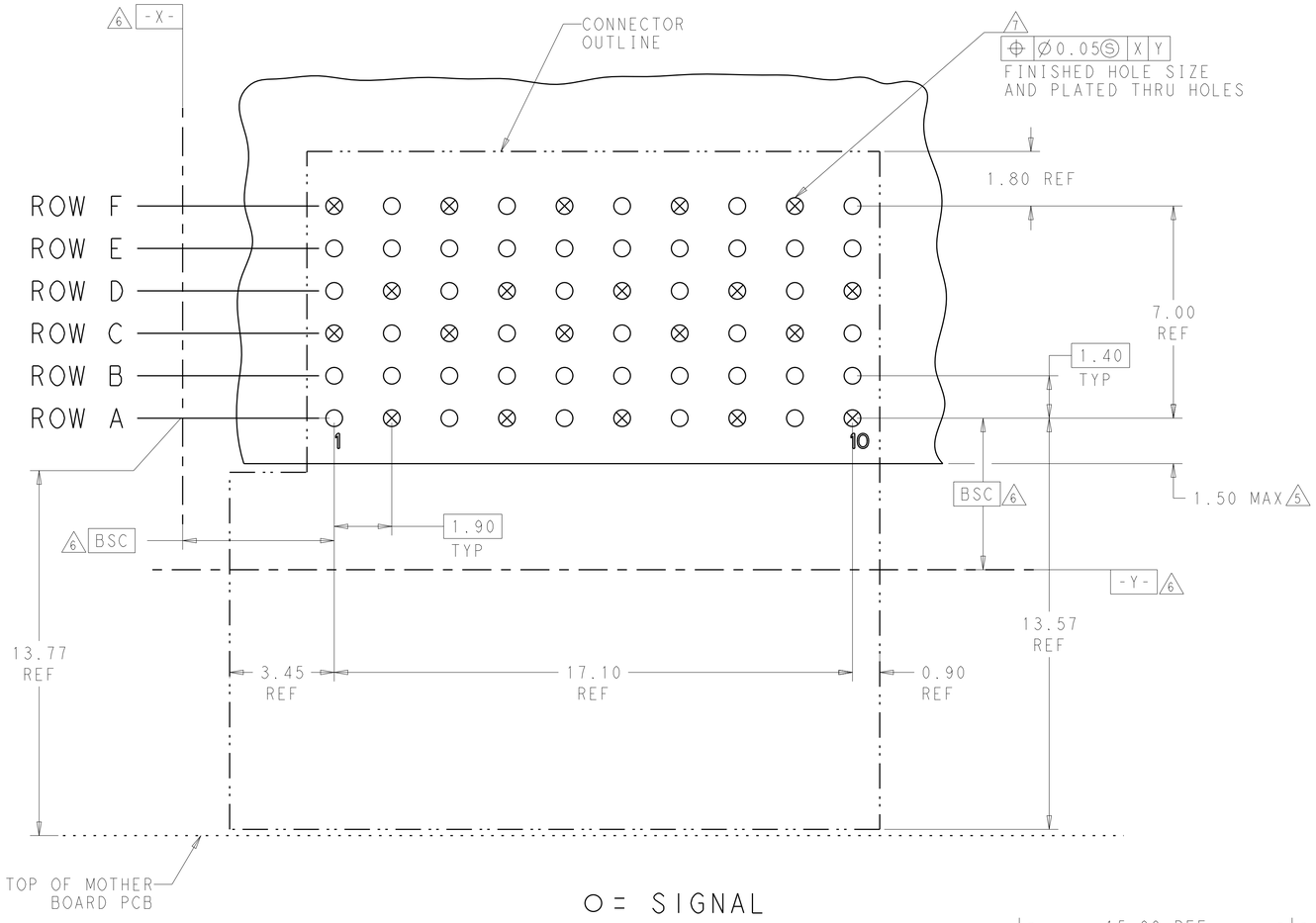
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY - ALL RIGHTS RESERVED.

LOC	DIST
-	-

REVISIONS

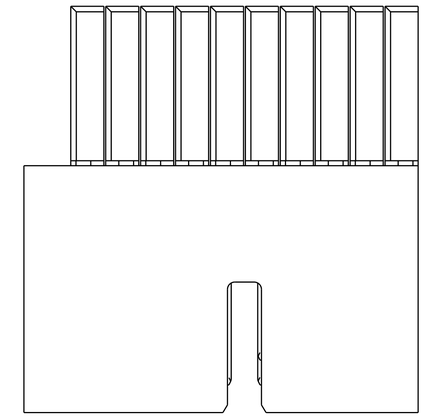
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REV PER ECO 12-018102	10-19-12	CT	DH
	B	ECO-13-004759	01APR2013	KG	DH
	C	REVISED PER ECO-14-014385	20NOV14	MGM	CT

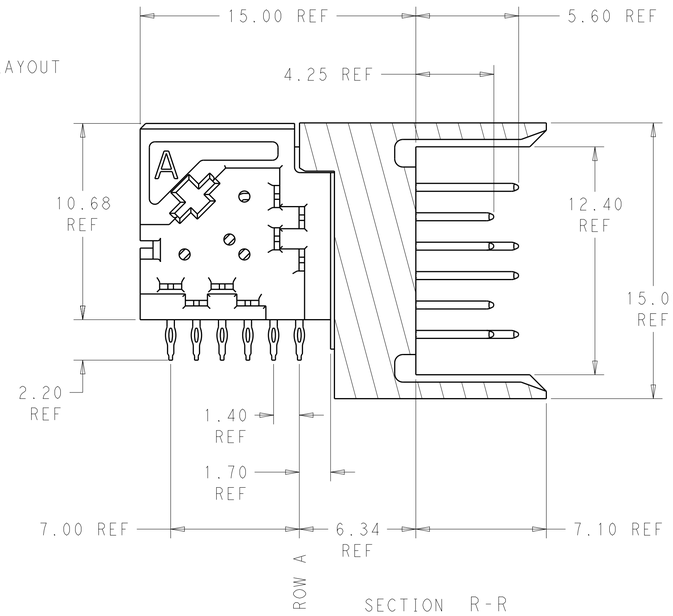


○ = SIGNAL

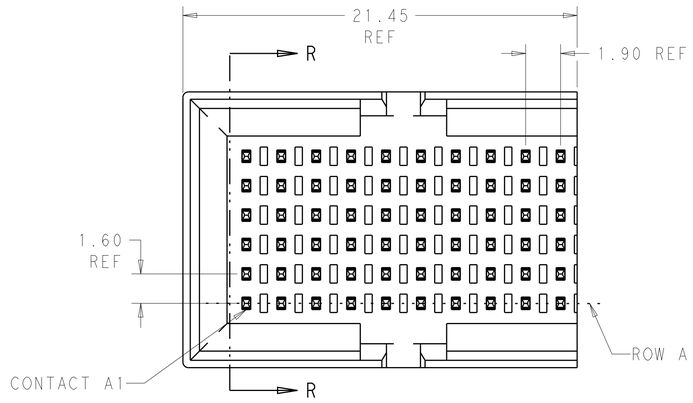
9 ⊗ = GROUND

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





SECTION R-R



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 --

6 DIMENSION APPLIES TO CENTERLINE OF THRU HOLE.

7 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

8 REFERENCE APPLICATION SPEC 114-13267 FOR RECOMMENDED PLATED THRU HOLE DIAMETER AND PLATING THICKNESS.

9 RECOMMENDED DIFFERENTIAL PAIR CONFIGURATION SHOWN. THE CONNECTOR UTILIZES AN OPEN PIN FIELD AND CAN BE LAID OUT IN A SINGLE-ENDED CONFIGURATION.

2 4	2012086-2
2 3	2102086-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.13
2 PLC ±0.05
3 PLC ±-
4 PLC ±-
ANGLES ±2°

MATERIAL 1

FINISH - -

DWN D. BELACK 24NOV2010
CHK N. GARIBALDI 24NOV2010
APVD M. McALONIS 24NOV2010
PRODUCT SPEC 108-2409
APPLICATION SPEC 114-13267
WEIGHT ~6.98 g

TE Connectivity

NAME Fortis Zd, 2-PAIR, 10-COLUMN, R/A LEFT MODULE ASSEMBLY -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2102086	-

CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 1 REV C

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

2102086-1