

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

TOP OF DAUGHTER
CARD PCB

1.80
REF

1.90 TYP

36.10 REF

1.85 REF

-Y-
6

BSC 6

8.00
REF

1.60
TYP

1.80
REF

BSC 6

-X-
6

○ = SIGNAL
⊗ = GROUND

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

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.

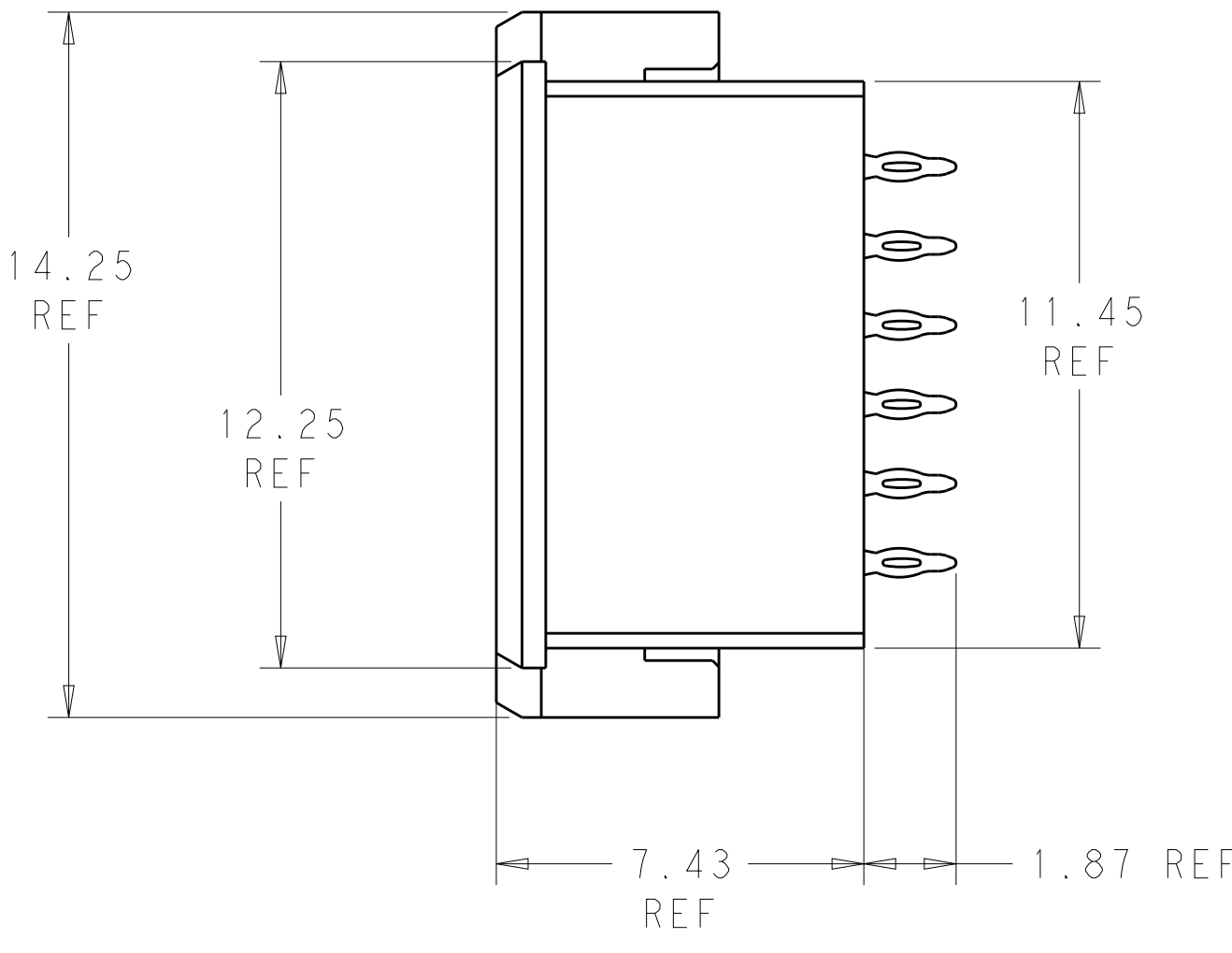
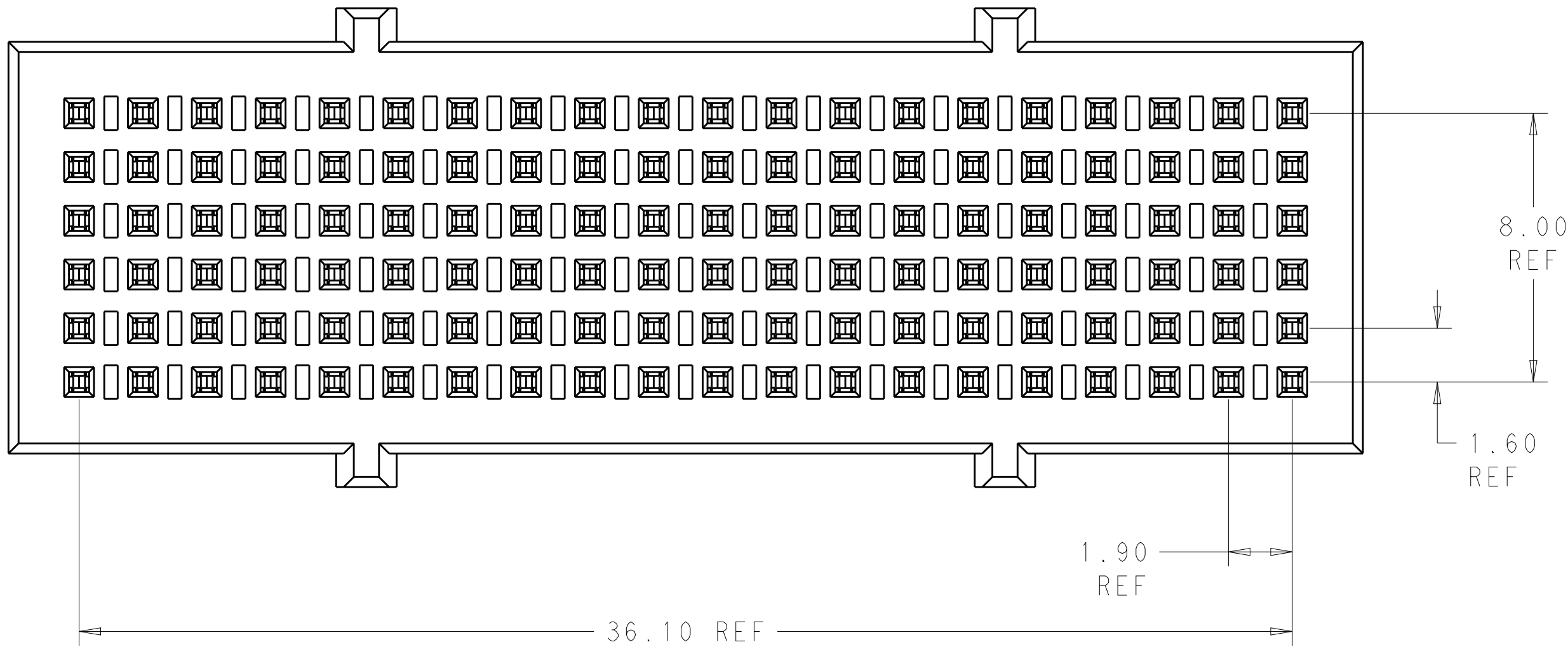
14.25
REF

12.25
REF

11.45
REF

7.43
REF

1.87 REF



2 4	2102234-2
2 3	2102234-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN D. BELACK 24NOV2010		TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD M. McALONIS		Fortis Zd, 2-PAIR, 20-COLUMN VERTICAL, FULL SHROUD ASSEMBLY	
0 PLC ±.13 1 PLC ±0.13 2 PLC ±0.05 3 PLC ±.13 4 PLC ±.13 ANGLES 42° FINISH -		PRODUCT SPEC 108-2409 APPLICATION SPEC 114-13267		RESTRICTED TO -	
MATERIAL 1		WEIGHT ~5.21g		SCALE 7:1 SHEET 1 OF 1 REV C	
Customer Drawing		A100779C=2102234			