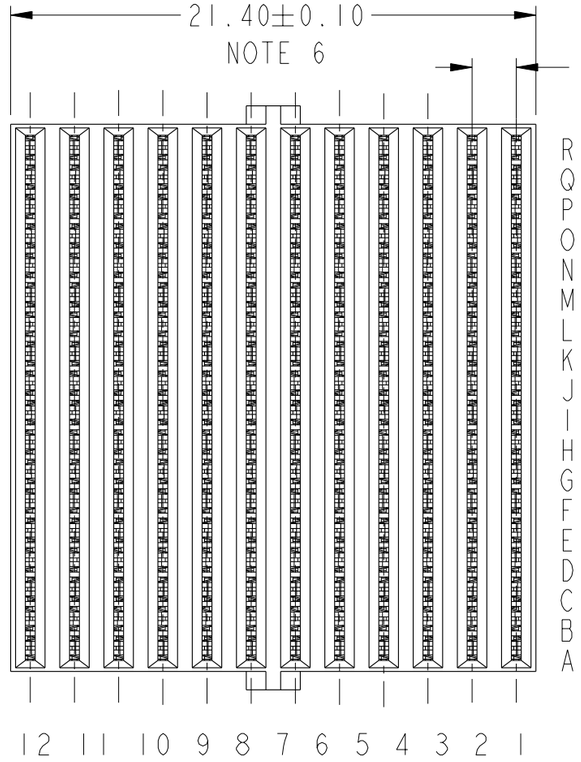
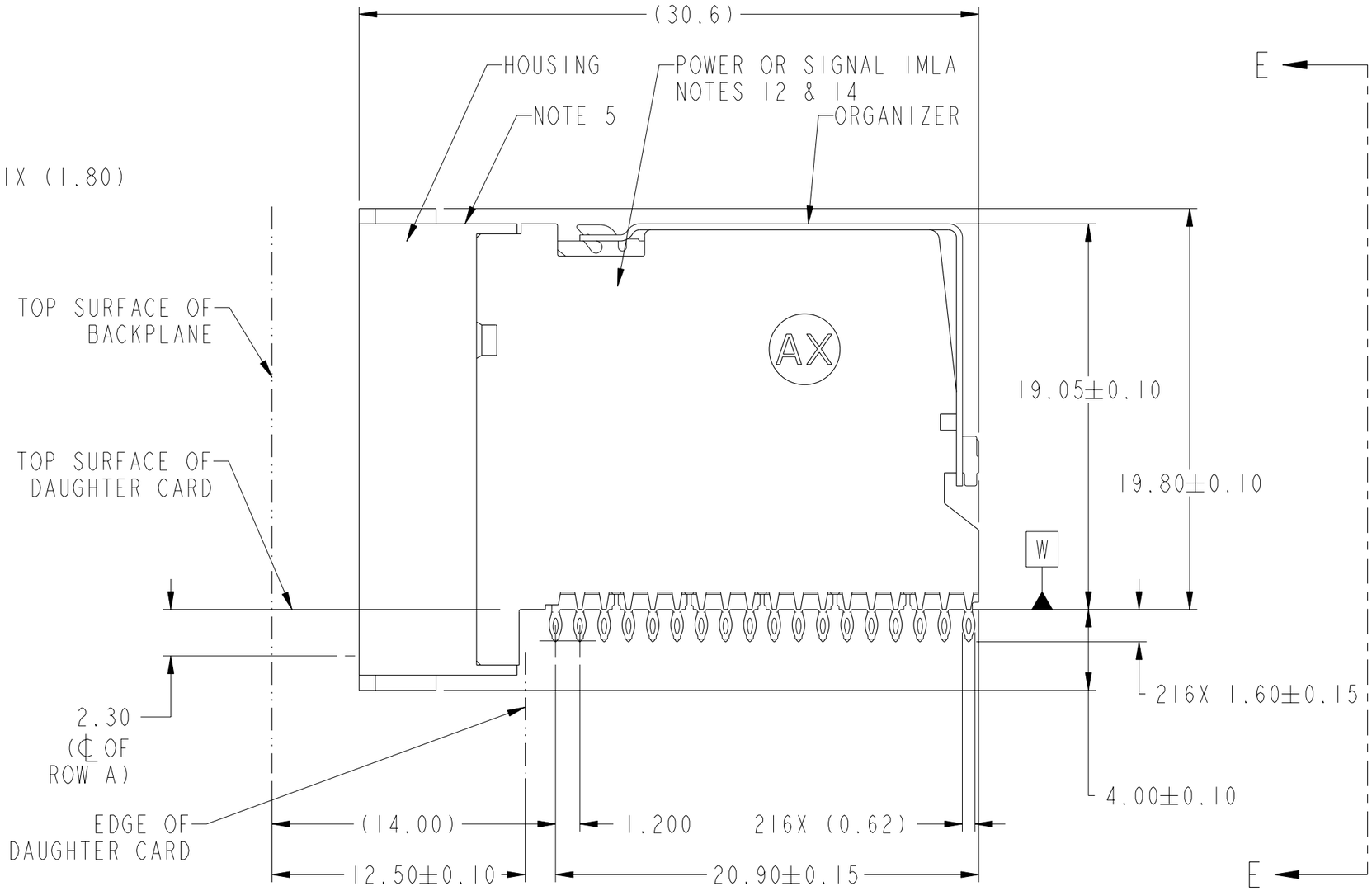
PRODUCT NUMBER
SEE SHEET 4



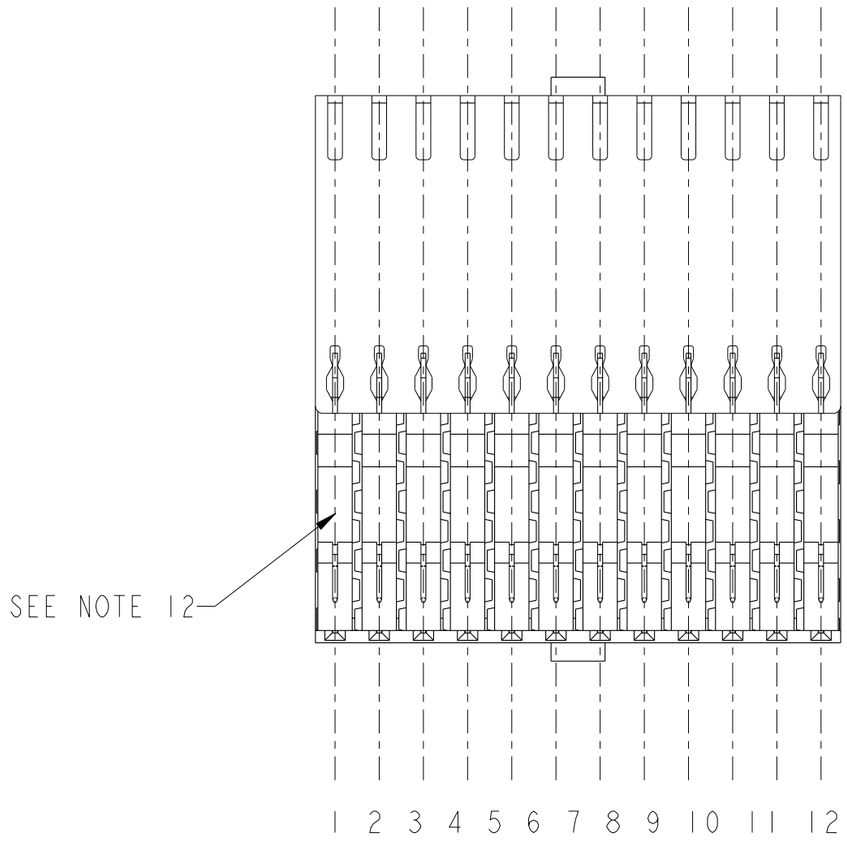


rev	ecn no	dr	date
A	V09-0390	MRG	2009-08-10
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface -		tolerance std		projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	STU STONER	2007-11-26	ANGULAR	LINEAR	0.X	±	size A3	Scale 4:1
Eng	J SWAIN	2007-11-26			0.XX	±		
Chr	J SWAIN	2007-11-26	0° ±°		0.XXX	±	ECN	---
Appr	J SWAIN	2007-11-26	Product family		ZipLine		Spec ref	---
	title	ZipLine R/A REC ASSY, PWR 6 PR, 12 IMLA, 1.8MM PITCH, 21.6MM			dwg no	10084164		Rev. A
	catalog no	-			CUSTOMER		sheet 1 of 4	

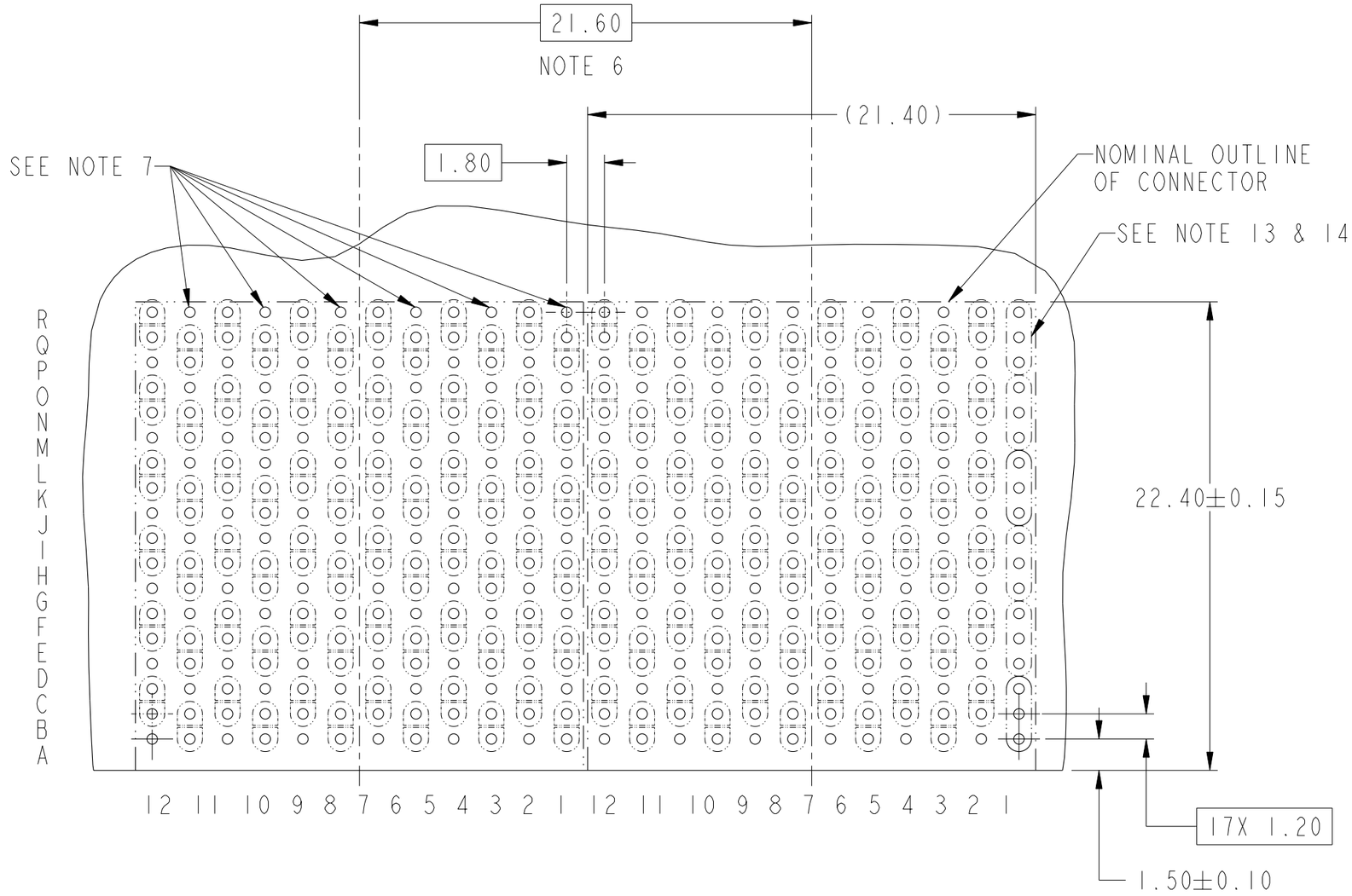
REV F - 2006-04-17

eDOC - PDM: Rev:A STATUS: Released Printed: Sep 09, 2010



SECTION E-E

title	ZipLine R/A REC ASSY, PWR 6 PR,12 IMLA,1.8MM PITCH,21.6MM	dwg no	10084164
		Rev.	A
catalog no	-	CUSTOMER	sheet 2 of 4



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6,7,& 8
POWER LAYOUT REPRESENTED BY COLUMN 1
AT FAR RIGHT

title: ZipLine R/A REC ASSY, PWR 6 PR,12 IMLA,1.8MM PITCH,21.6MM		dwg no: 10084164	Rev. A
catalog no: -		CUSTOMER	sheet 3 of 4

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	POWER (P) OR SIGNAL (S) BY COLUMN NUMBER (SEE NOTE 14)											
		1	2	3	4	5	6	7	8	9	10	11	12
10084164-101	TIN/LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	S
10084164-101LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	S
10084164-102	TIN/LEAD ALLOY OVER NICKEL	P	P	S	S	S	S	S	S	S	S	S	S
10084164-102LF	TIN OVER NICKEL (LEAD FREE)	P	P	S	S	S	S	S	S	S	S	S	S
10084164-103	TIN/LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	P
10084164-103LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	P

(1)- CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: STAINLESS STEEL

2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-452 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE

PRESS-FIT TAILS: SEE TABLE

3 - PRODUCT SPECIFICATION: GS-12-452

4 - APPLICATION SPECIFICATION: GS-20-094

(5)- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.

(6)- THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 21.6MM.

(7)- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR EXCEPT FOR POSITIONS R1,R3,R5,R7,R9,& R11. THESE MUST BE ASSIGNED AS GROUNDS.

(8)- REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

10 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(12)- PLASTIC FOR POWER COLUMNS IS WHITE.
PLASTIC FOR SIGNAL COLUMNS IS BLACK.
SEE PART NUMBER TABLE FOR APPLICABLE POWER (P) AND SIGNAL (S) COLUMN LOADING POSITIONS.

(13)- WITHIN ANY POWER COLUMN, EACH 3 OF THE 18 CONTACT POSITIONS ARE COMMONED TO FORM 6 POWER CONTACTS. PCB LAYOUT SHOWS ONE CONFIGURATION OF COMMONED VIAS MAKING UP THE 6 INDIVIDUAL POWER POSITIONS. ADDITIONAL CUSTOMER-DEFINED PCB LAYOUTS WILL ALLOW ANYWHERE FROM ONE TO SIX POWER LINES WITHIN A COLUMN.

(14)- PRODUCT CAN BE CONFIGURED WITH POWER IN ANY COLUMN OR MULTIPLE COLUMNS.

title	ZipLine R/A REC ASSY, PWR 6 PR,12 IMLA,1.8MM PITCH,21.6MM	dwg no	10084164
		Rev.	A
catalog no	-	CUSTOMER	sheet 4 of 4

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

10084164-102LF 10084164-101LF 10084164-103LF