

Excellent Integrated System Limited

Stocking Distributor

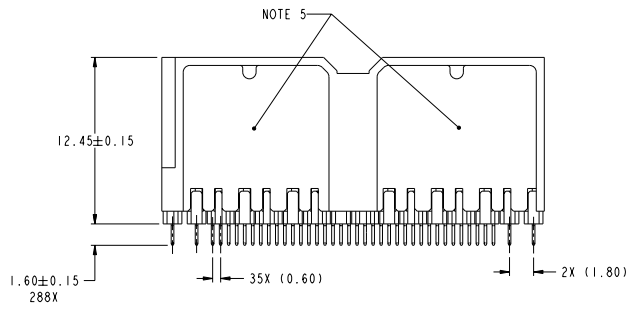
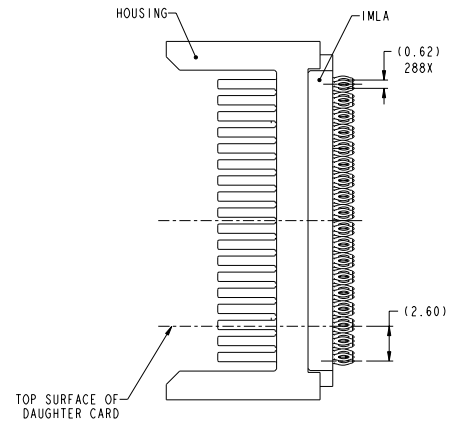
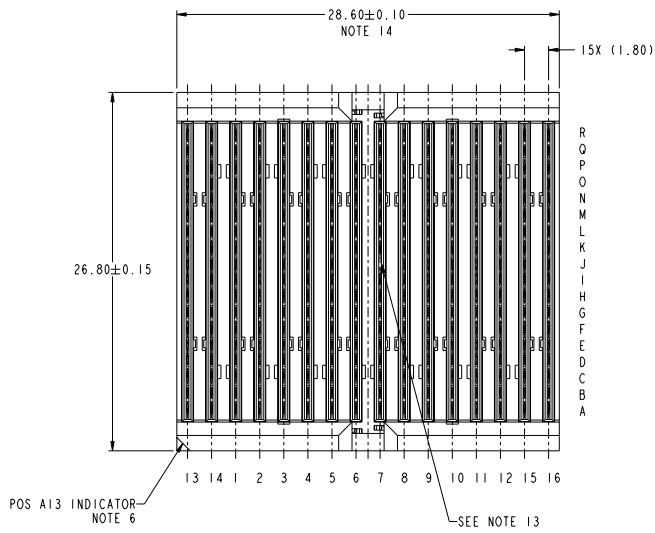
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10084160-111LF](#)

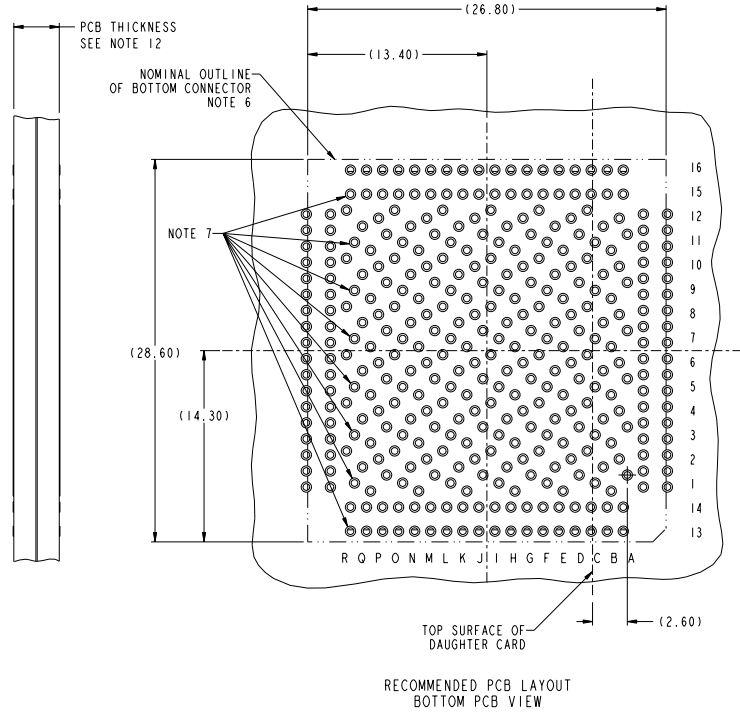
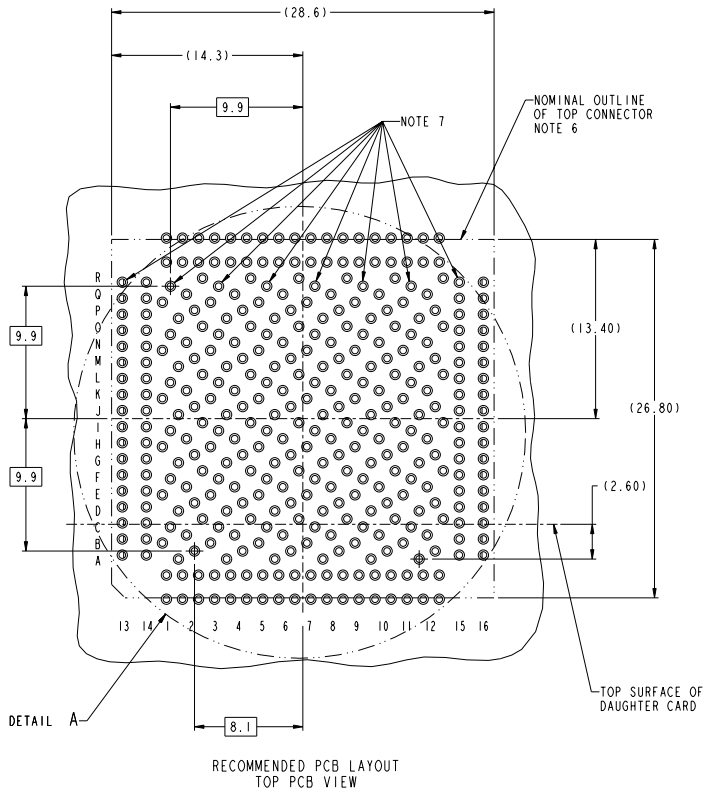
For any questions, you can email us directly:

sales@integrated-circuit.com

Product number
SEE TABLE, SHT 6

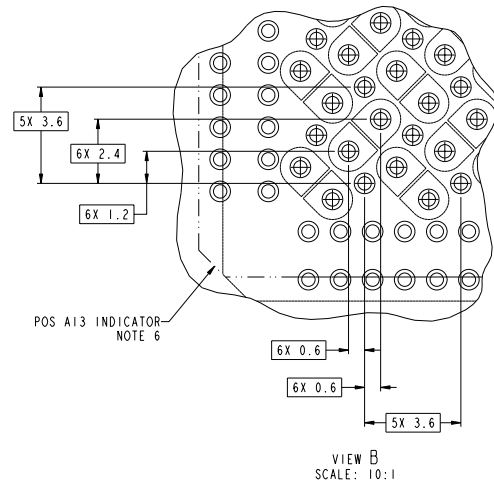
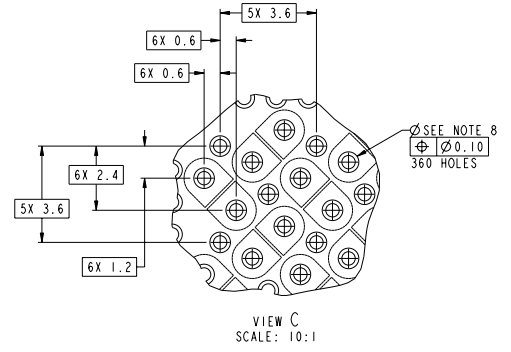
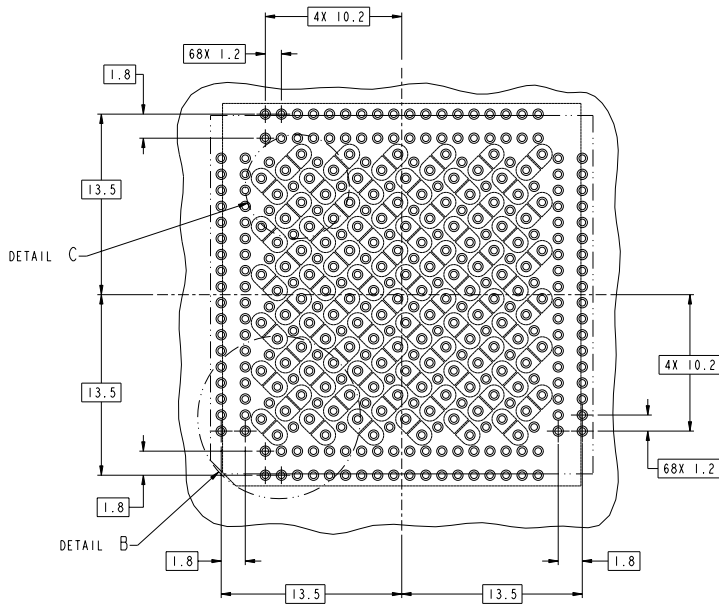


www.fciconnect.com				surface ☒ ASME Y14.5		tolerance ☒ ASME Y14.5		projection 		MM 			
				TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr. G. HULL 2007-11-09				ANGULAR		0.1		±0.3		size A2			
Eng. D. JONHESCU 2007-11-09				LINEAR		0.1x		±0.1x		Scale: 1:1			
Eng. D. JONHESCU 2007-11-09				ASME Y14.5		0.1x		±0.1x		Size: 50			
Appr. D. JONHESCU 2009-04-01				Product family		Zipline Spec ref		10084160		Rev. A			
				Zipline VERT HDR Spec 6 PR 16 COLUMN, 2+12+2, 1.8mm PITCH, 28.8mm catalog no.									
				CUSTOMER								sheet 1 of 6	

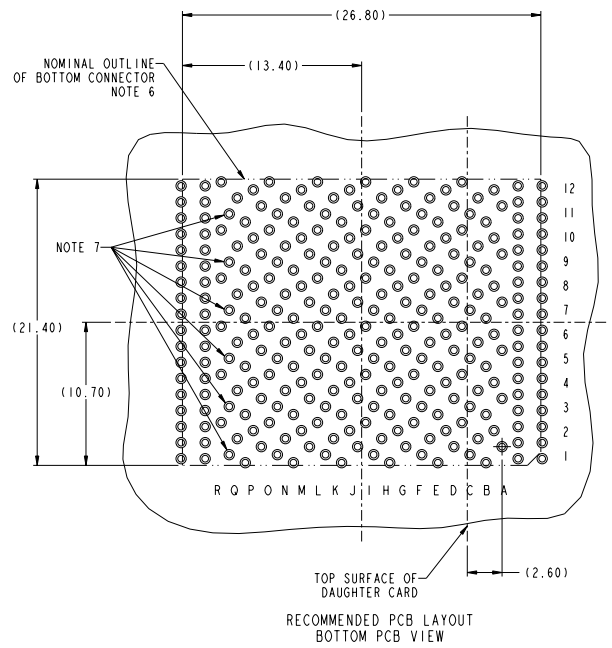
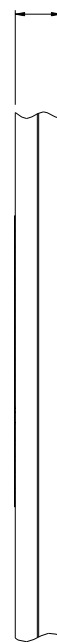
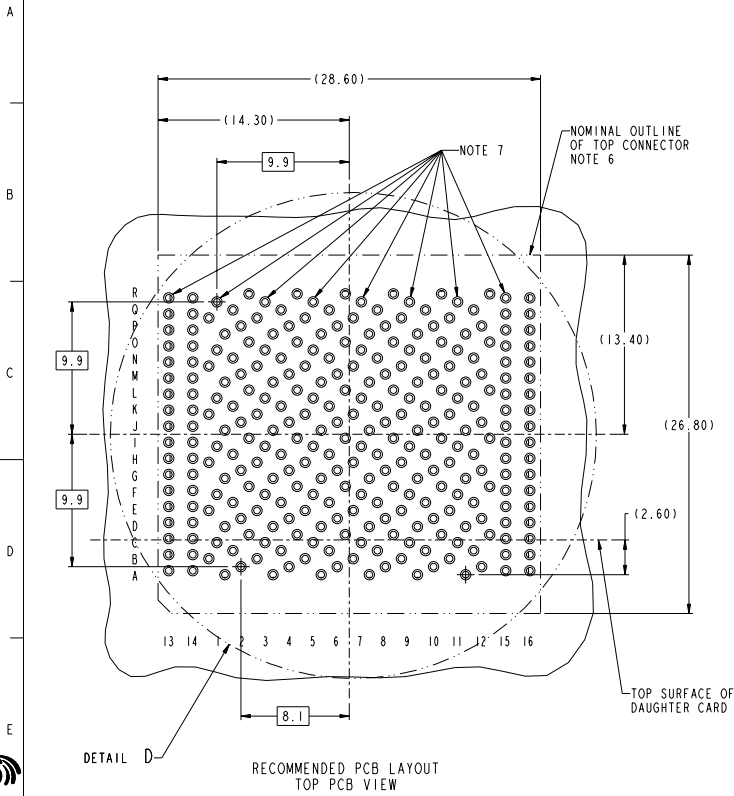


RECOMMENDED PCB LAYOUT
WHEN USING 10084160 TOP AND BOTTOM

FCI	Title	ZipLine VERT HDR SPECIAL 6 PR	10084160	Rev.
Catalog No.	Customer	Sheet 2 of 6	PDM: Rev: A	STATUS: Released 8



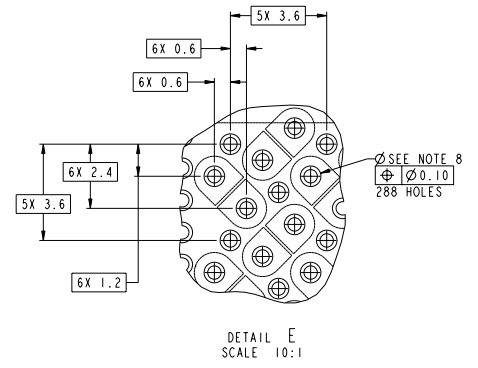
	Title	ZipLine VERT HDR SPECIAL 6 PR		drawing no	10084160	Rev.
		16 COLUMN, 2+12+2, 1.8mm PITCH, 28.8mm				
	catalog no				CUSTOMER	sheet 3 of 6
6	PDM: Rev:A			STATUS:Released 8		
				Printed: Dec 01, 2010		



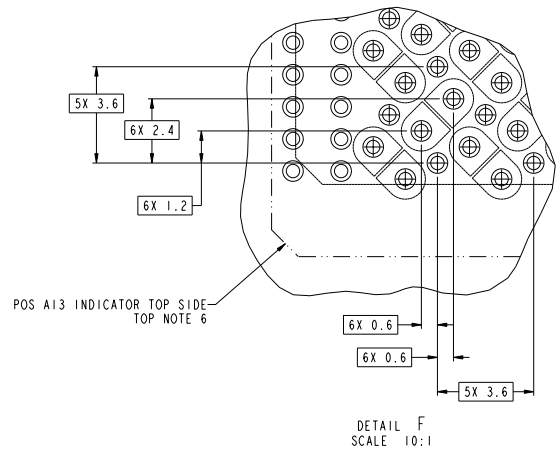
RECOMMENDED PCB LAYOUT
WHEN USING 10084160 ON THE TOP
AND 10076222 ON THE BOTTOM

	Title	ZipLine VERT HDR SPECIAL 6 PR		Drawing no	10084160		Rev.
		16 COLUMN, 2+12+2, 1.8mm PITCH, 28.8mm					
catalog no		-		CUSTOMER		sheet 4 of 6	
6	PDM: Rev: A			STATUS: Released 8		Printed: Dec 01, 2010	

DETAIL E



DETAIL F



PCB LAYOUT SHOWN WITH
DIFFERENTIAL ORTHOGONAL AND
SINGLE ENDED NON-ORTHOGONAL
PATTERNS

DETAIL D
SCALE 5:1



ZipLine VERT HDR SPECIAL 6 PR
16 COLUMN, 2+12+2, 1.8mm PITCH, 28.8mm

10084160
Rev. A
CUSTOMER
sheet 5 of 6

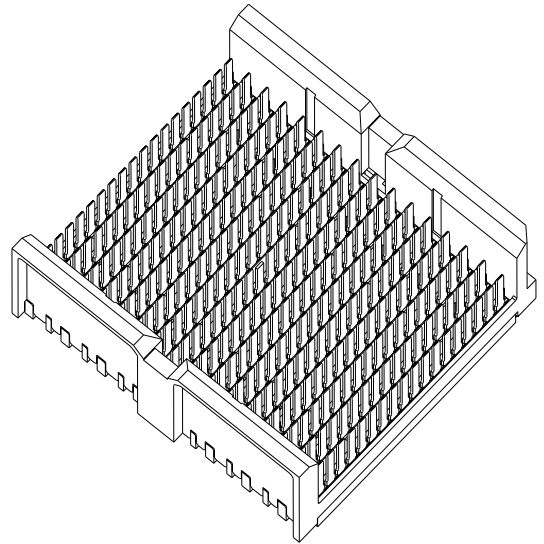
PDM: Rev: A

STATUS: Released 8
Printed: Dec 01, 2010

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10084160-101	TIN LEAD ALLOY OVER NICKEL	NO
10084160-101LF	TIN OVER NICKEL (LEAD FREE)	NO
10084160-111	TIN LEAD ALLOY OVER NICKEL	YES
10084160-111LF	TIN OVER NICKEL (LEAD FREE)	YES

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
IML A PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
- 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
- PRODUCT SPECIFICATION: GS-12-452.
- APPLICATION SPECIFICATION: GS-20-094.
- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THESE SURFACES.
- CONNECTOR OUTLINE WITH HOUSING POS A13, A1 FOR 10076222, INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- THERE IS NO GROUND BUSSING WITHIN THE HEADER CONNECTOR, HOWEVER, POSITIONS R1, R3, R5, R7, R9, R11, R13 & R15 OF THE MATING RECEPTACLE ARE BUSSED. THESE MUST BE ASSIGNED AS GROUNDS.
- REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB SLOT DIAMETERS AND PLATING OPTIONS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- MINIMUM PCB THICKNESS TO BE 3.5mm FOR ORTHOGONAL APPLICATIONS.
- FOR -11X ASSEMBLIES, MATING PIN J7 HAS 0.60 mm LESS NOMINAL WIPE THAN OTHER PINS.
- THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 28.8 mm.



10084160-111

FCI	Title	ZipLine VERT HDR SPECIAL 6 PR	Part No	10084160	Rev.
FCI	Catalog No	16 COLUMN, 2+12+2, 1.8mm PITCH, 28.8mm	CUSTOMER	sheet 6 of 6	A

PDM: Rev: A STATUS: Released 8 Printed: Dec 01, 2010