

Excellent Integrated System Limited

Stocking Distributor

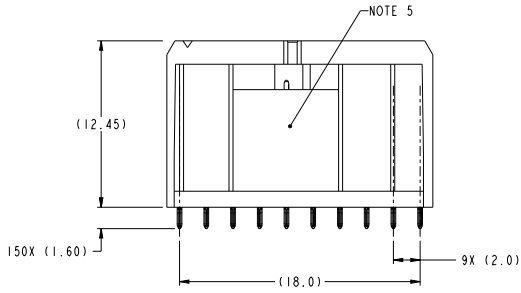
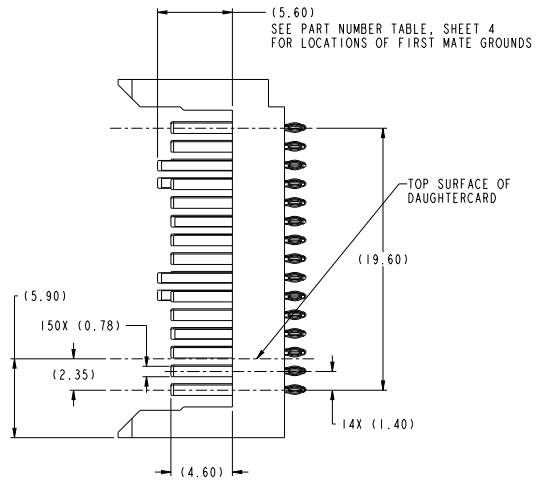
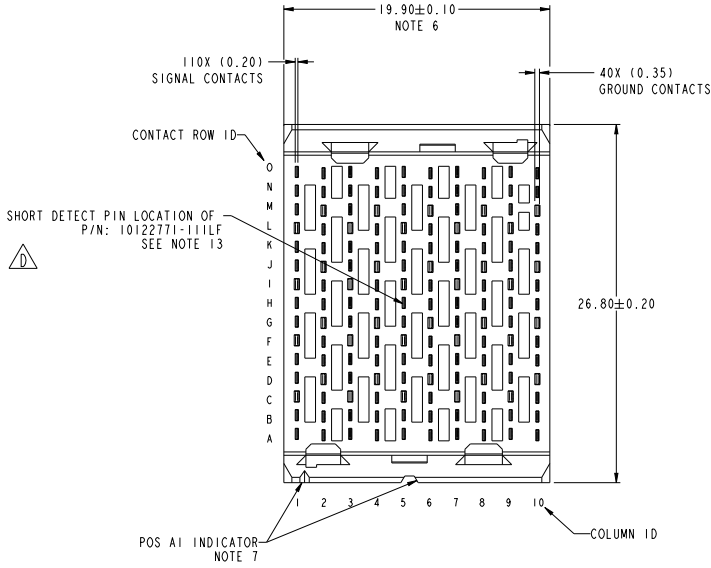
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10122771-101LF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

Product number

SEE TABLE, SHT 4



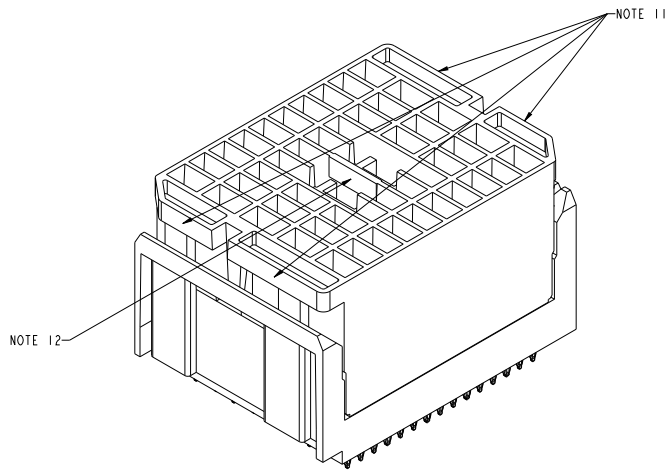
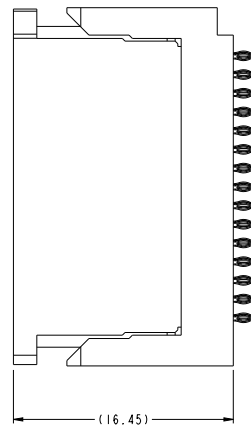
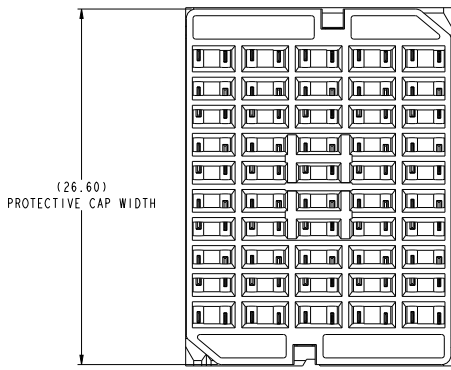
spec. ref.	-	dr.	David Sun	designed	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tim Chen	checked	product family	AIRMAX VS	rel. level	Released	doc. no.	10122771
surface	linear	0.1	±0.3	FCI	AIRMAX VS2 VERTICAL HEADER		rev	D	www.fci.com	
		0.2X	±0.10		5 PAIR 150 POS 2MM 10 COL		Product	Customer Draw	sheet 1 of 4	
	angular	0°	±2°							

PDS: Rev:D

STATUS: Released

Printed: Apr 28, 2015

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VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10122771-101LF

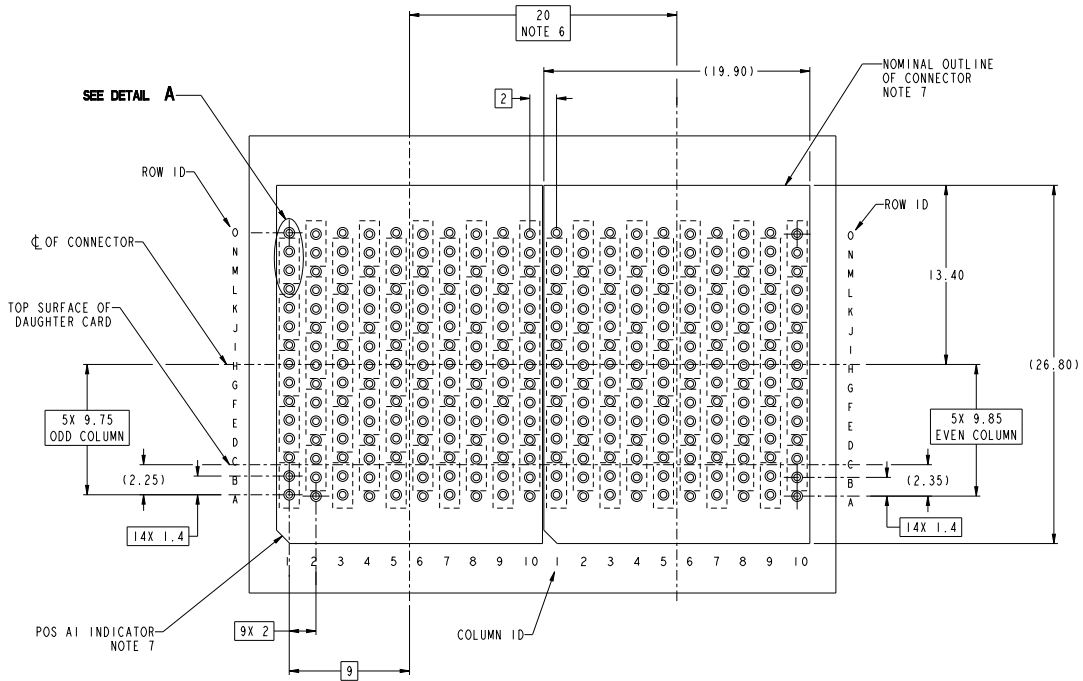
spec. ref.	-	dr.	Issued Rev	08/2015	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Iss/Rev	08/2015	product family	AIRMAX VS	rel level	Released	rev	D
surface	linear	0.1	±0.3	FCI	AIRMAX VS2 VERTICAL HEADER		part no.	10122771	cat. no.	
		0.2X	±0.10	www.fci.com	5 PAIR 150 POS 2MM 10 COL		Product	Customer Drw	sheet	2 of 4
ASME Y14.5	angular	0°	±2°							

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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, AND 8

spec. ref.		dr.	Issue Date	08/08/2015	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Iss/Drawn		product family	AIRMAX VS	rel level	Released		
surface	linear	0.1	±0.3	FCI	AIRMAX VS2 VERTICAL HEADER		part no	10122771	rev	D
		0.2X	±0.10	www.fci.com	5 PAIR 150 POS 2MM 10 COL		Product	Customer Draw	sheet	3 of 4
ASME Y14.5	angular	0°	±2°							

PDS: Rev :D

STATUS: Released

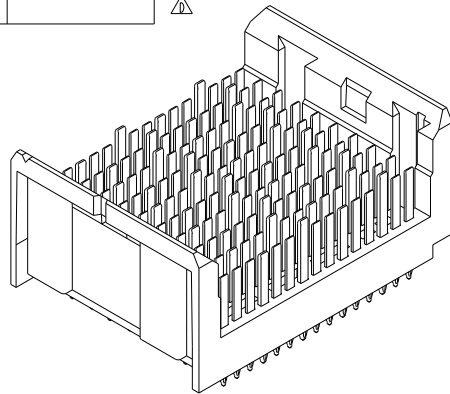
Printed: Apr 28, 2015

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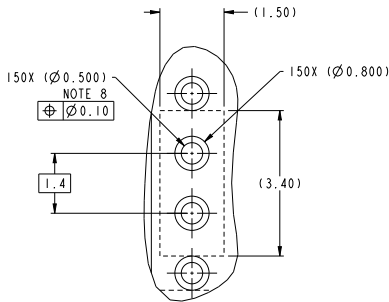
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	FIRST MATE PIN LOCATIONS (5.6mm)	SHORT DETECT PIN LOCATION	REMARKS
10122771-101LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, F7, F9, G2, G4, G6, G8, G10, L1, L3, L5, L7, L9, M2, M4, M6, M8, M10	NA	2-SIDED PLATING
10122771-111LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, F7, F9, G2, G4, G6, G8, G10, L1, L3, L5, L7, L9, M2, M4, M6, M8, M10	H5 (SEE NOTE 13)	2-SIDED PLATING

NOTES:

- CONNECTOR MATERIALS:
HOUSING: 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-12-239 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE PRESS-FIT TAILS: SEE TABLE
- PRODUCT SPECIFICATION: GS-12-239.
- APPLICATION SPECIFICATION: GS-20-035.
- PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 mm.
- CONNECTOR OUTLINE WITH HOUSING POS A1 INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- FOR REMOVAL OF THE PROTECTIVE CAP BY HAND GRIP USING THESE SURFACES.
- FOR REMOVAL OF THE PROTECTIVE CAP WITH PLIERS GRIP USING THIS FEATURE.
- SHORT DETECT PIN IS 0.50mm LESS WIPE NOMINAL THAN THE SHORTEST PIN.
- A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



10122771-101LF
(WITHOUT PROTECTIVE COVER)



DETAIL A
SCALE 16:1

spec. ref.	dr.	projection	MM	size	A2	scale	5:1
tolerance std	eng	chr	appr	product family	AIRMAX VS	rel. level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			FCI	AIRMAX VS2 VERTICAL HEADER		
surface	linear	0.1	±0.3	0.2X	±0.10	0.2X	±0.050
ASME Y14.5	angular	°	±2	www.fci.com	cat. no.	Product	Customer Draw
				PDS: Rev :D	STATUS: Released	Printed: Apr 28, 2015	sheet 4 of 4

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