

Excellent Integrated System Limited

Stocking Distributor

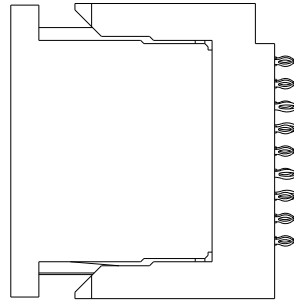
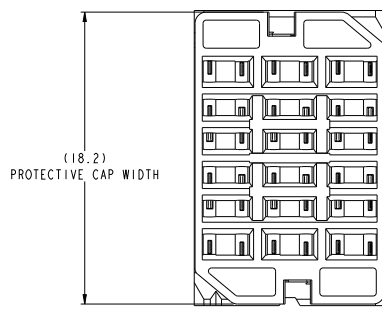
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10123358-1011LF](#)

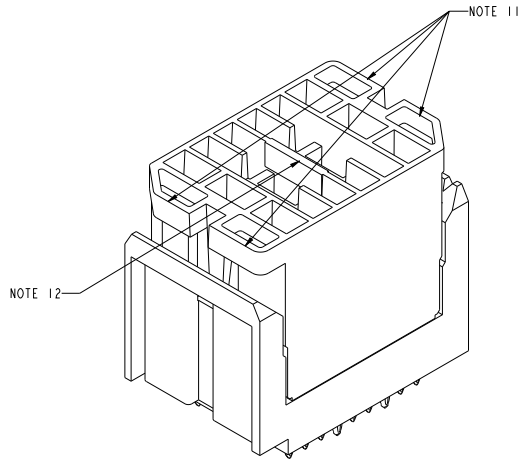
For any questions, you can email us directly:

sales@integrated-circuit.com

Printed: Oct 24, 2014



VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10123358-1011LF & 1111LF

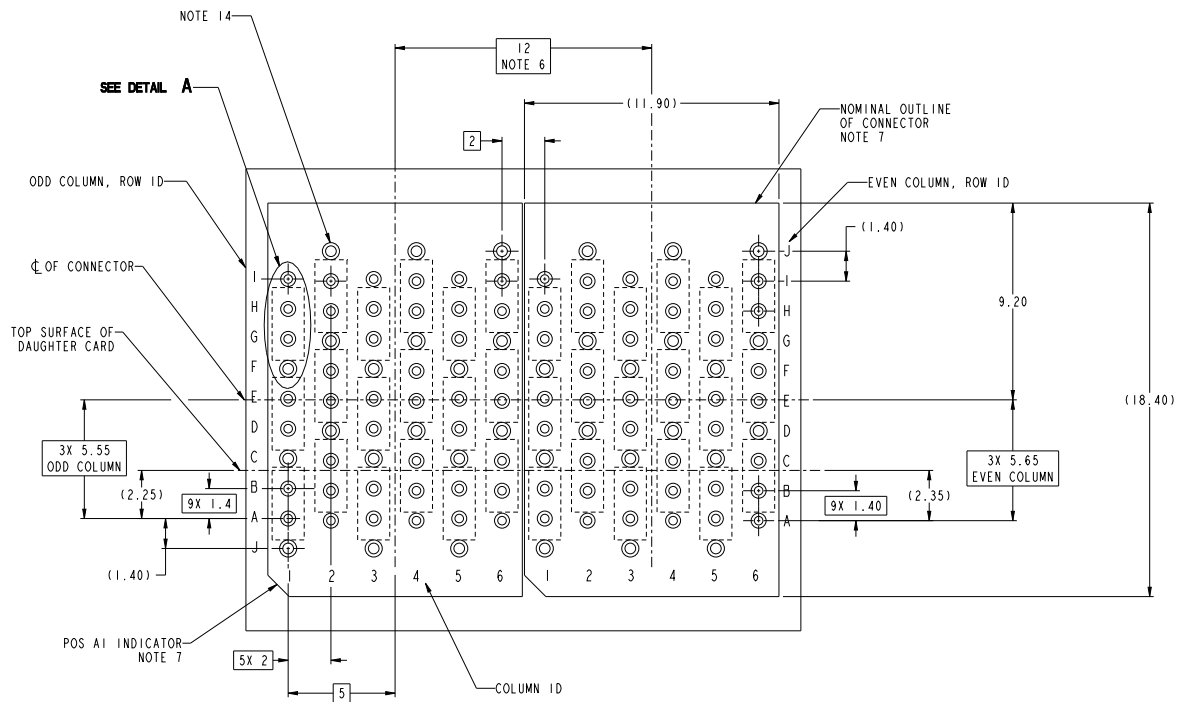


spec. ref.	-	dr.	00000000	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	00000000	chr	00000000	acc. no.	00000000	rel. level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED				product family	AIRMAX VS				
surface	linear	0.1	±0.3	FCI	AIRMAX VSE VERTICAL HEADER 3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT				
		0.25	±0.10						
		0.25	±0.050						
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4	rev B

PDS: Rev :B

STATUS: Released

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

spec. ref.	-	dr.	00000000	projection	MM	size	A2	scale	3:1
tolerance std.	ASME Y14.5	eng.	00000000	chr.	00000000	acc. no.	00000000	rel. level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr.	00000000	product family	AIRMAX VS		
surface	linear	0.1	±0.3	FCI	AIRMAX VSE VERTICAL HEADER	deg	10123358	rev	B
		0.2X	±0.10		3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT				
ASME Y14.5	angular	0°	±2°	www.fci.com	col. no.		Product - Customer Drw	sheet 3 of 4	

PDS: Rev: B

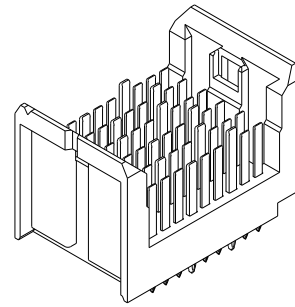
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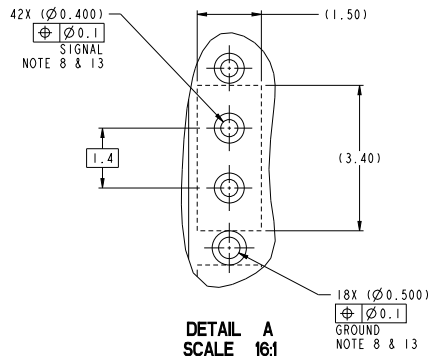
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	DETECTION PIN LOCATION	LONG GROUND PIN LOCATIONS (5.6MM)	REMARKS
10123358-101LF	TIN OVER NICKEL (LEAD FREE)	YES	N/A	F1, F3, F5 G2, G4, G6	2-SIDED PLATING
10123358-111LF		YES	H3		
10123358-121LF		YES	E3		

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 12.0 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 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
- LEAD FREE 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.
- GROUND VIAS IN POSITIONS C, F, & J FOR ODD COLUMNS AND POSITIONS D, G, & J FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
- THE OUTER VIAS IN COLUMN J ARE OPTIONAL. IF ADDED THESE HOLES PROVIDE GROUND SYMETRY THROUGH THE PCB. NO CONNECTOR EONS WILL BE PRESSED INTO THESE HOLES.
- MATING PIN E3 & H3 IS 0.5mm LESS WIPE NOMINAL THAN THE SHORTEST PIN.
- A/B SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



10123358-101LF WITHOUT PROTECTIVE COVER



spec. ref.	-	dr.	00001010	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	00000001	chr		acc. no.	10123358-1	rel. level	Released
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	00000002	product family	AIRMAX VS				
surface	linear	0.1	±0.3	FCI	AIRMAX VSE VERTICAL HEADER	deg	10123358	rev	B
	angular	0.1X	±0.10	www.fci.com	3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT				
		0.1X	±0.050	col. no.	-	Product	Customer Drw	sheet 4 of 4	
		Ø	±2						

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