

Excellent Integrated System Limited

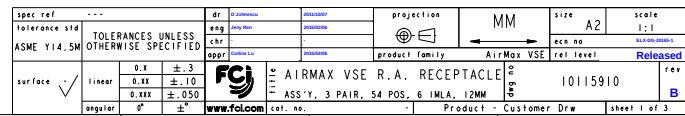
Stocking Distributor

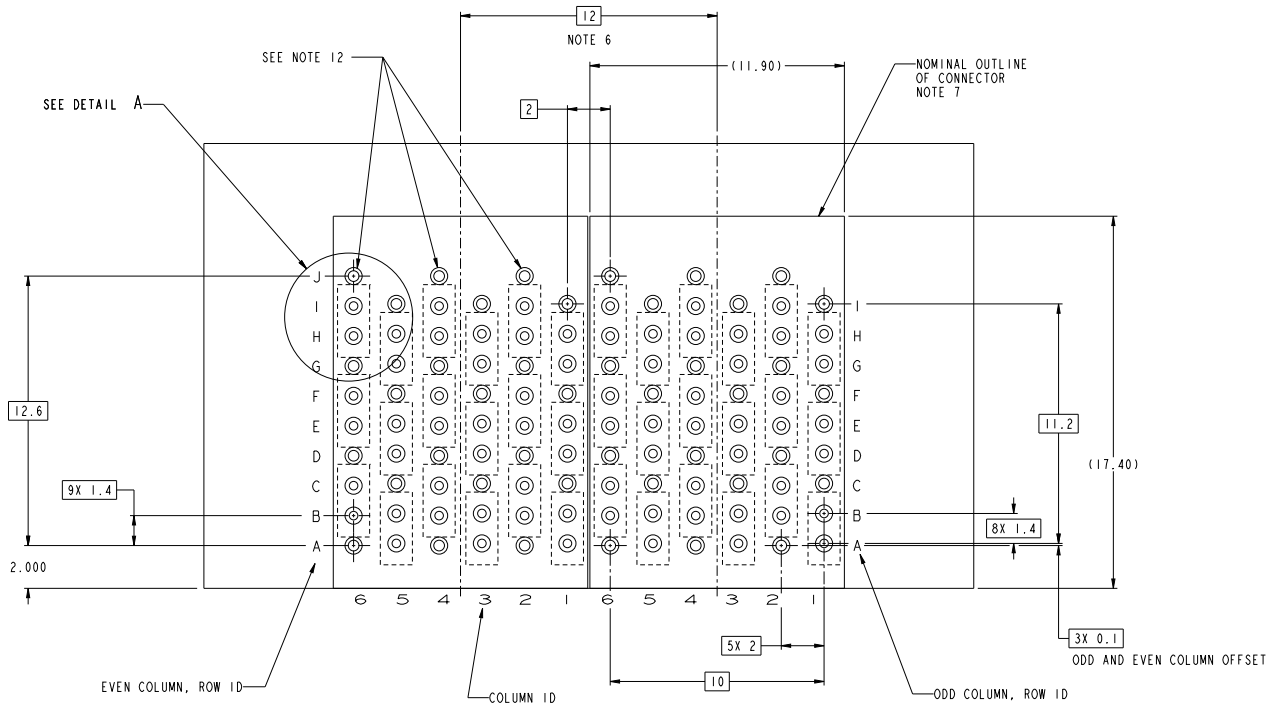
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10115910-101LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com





RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref	---	dr	0.000000	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	0.000000	product family	AirMax VSE	acc no	10115910	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED									
surface	linear	0.1	±.3	FCI	AIRMAX VSE R.A. RECEPTACLE	deg	10115910	rev	B
		0.2X	±.10						
		0.25X	±.050						
angular	0°	±	0°	www.fci.com	cat. no.	---	Product - Customer Drw	sheet 2 of 3	

PDS: Rev B

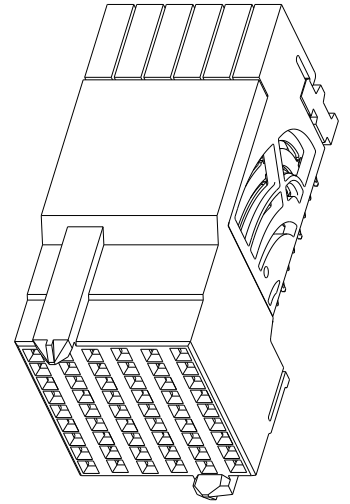
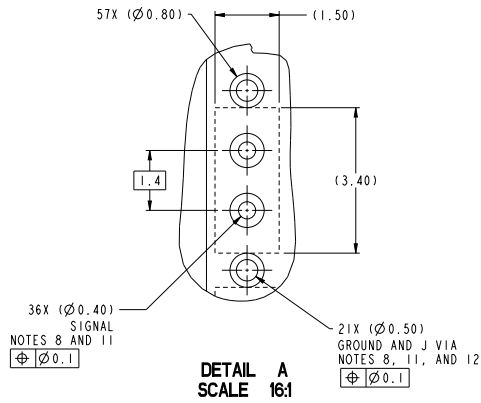
STATUS: Released

Printed: Feb 06, 2015

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10115910-101	TIN/LEAD ALLOY OVER NICKEL
10115910-101LF	TIN OVER NICKEL (LEAD FREE)

- ① - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE

PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.
- ⑤ - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 12.0 MM.
- ⑦ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- ⑧ - REFER TO CUSTOMER DRAWING 10104444 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 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑪ - GROUND CONTACTS (C, F, AND I IN ODD COLUMNS AND A, D, AND G, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.
- ⑫ - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10115910-101 OR -101LF

spec ref	---	dr	02/08/2015	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	02/08/2015	product family		acc no		rel level	Released
surface	linear	0.1	±.3	FCI	AIRMAX VSE R.A. RECEPTACLE	10115910		rev	B
	angular	0.1X	±.10	www.fci.com	ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM				
		0.1X	±.050						

PDS: Rev:B

STATUS: Released

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