


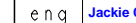
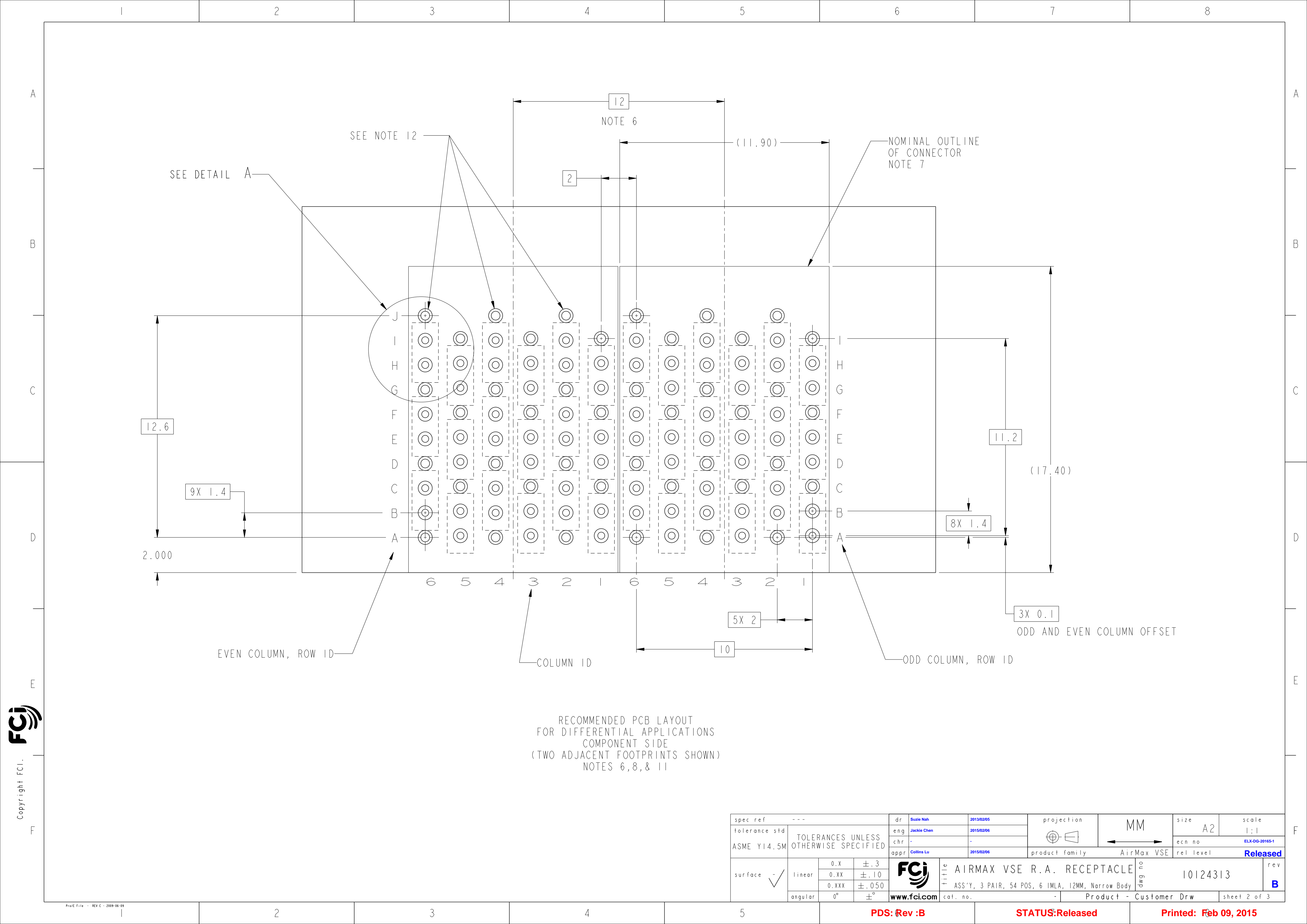


spec ref		---		dr		Suzie Nah		2013/02/05		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2015/02/06						ecn no		ELX-DG-2016-1					
ASME Y14.5M				chr		-		-													
				appr		Collins Lu		2015/02/06		product family		AirMax VSE		rel level		Released					
surface 		linear		0.X		±.3				title		AIRMAX VSE R.A. RECEPTACLE		dwg no		10124313		rev		B	
				0.XX		±.10															
				0.XXX		±.050															
		angular		0°		±0°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 3					



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

spec ref		---		dr		Suzie Nah		2013/02/05		projection		<div>MM</div>		size		A2		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2015/02/06		<div></div>		<div></div>		ecn no		ELX-DG-20165-1											
ASME Y14.5M				chr		-		-						rel level		Released											
				appr		Collins Lu		2015/02/06		product family										AirMax VSE							
surface		<div>✓</div>		linear		<div></div>		title		AIRMAX VSE R.A. RECEPTACLE										dwg no		10124313		rev		B	
						angular		0°		±°		www.fci.com		cat. no.		-		Product - Customer Drw									

1

PRODUCT NUMBER

10124313-101

TIN/LEAD ALLOY OVER NICKEL

10124313-101LF

TIN OVER NICKEL (LEAD FREE)

2

PRESS-FIT TAIL PLATING TYPE

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, NATURAL, 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 RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

13

A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

57X (Ø0.80)

(1.50)

1.4

(3.40)

36X (Ø0.40) SIGNAL NOTES 8 AND 11

21X (Ø0.50) GROUND AND J VIA NOTES 8, 11, AND 12

DETAIL SCALE A

16:1

10124313-101 OR -101LF

spec ref

tolerance std

ASME Y14.5M

surface

✓

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear

0.X

±.3

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angular

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dr

Suzie Nah

2013/02/05

eng

Jackie Chen

2015/02/06

chr

-

-

appr

Collins Lu

2015/02/06

FCI

www.fci.com

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