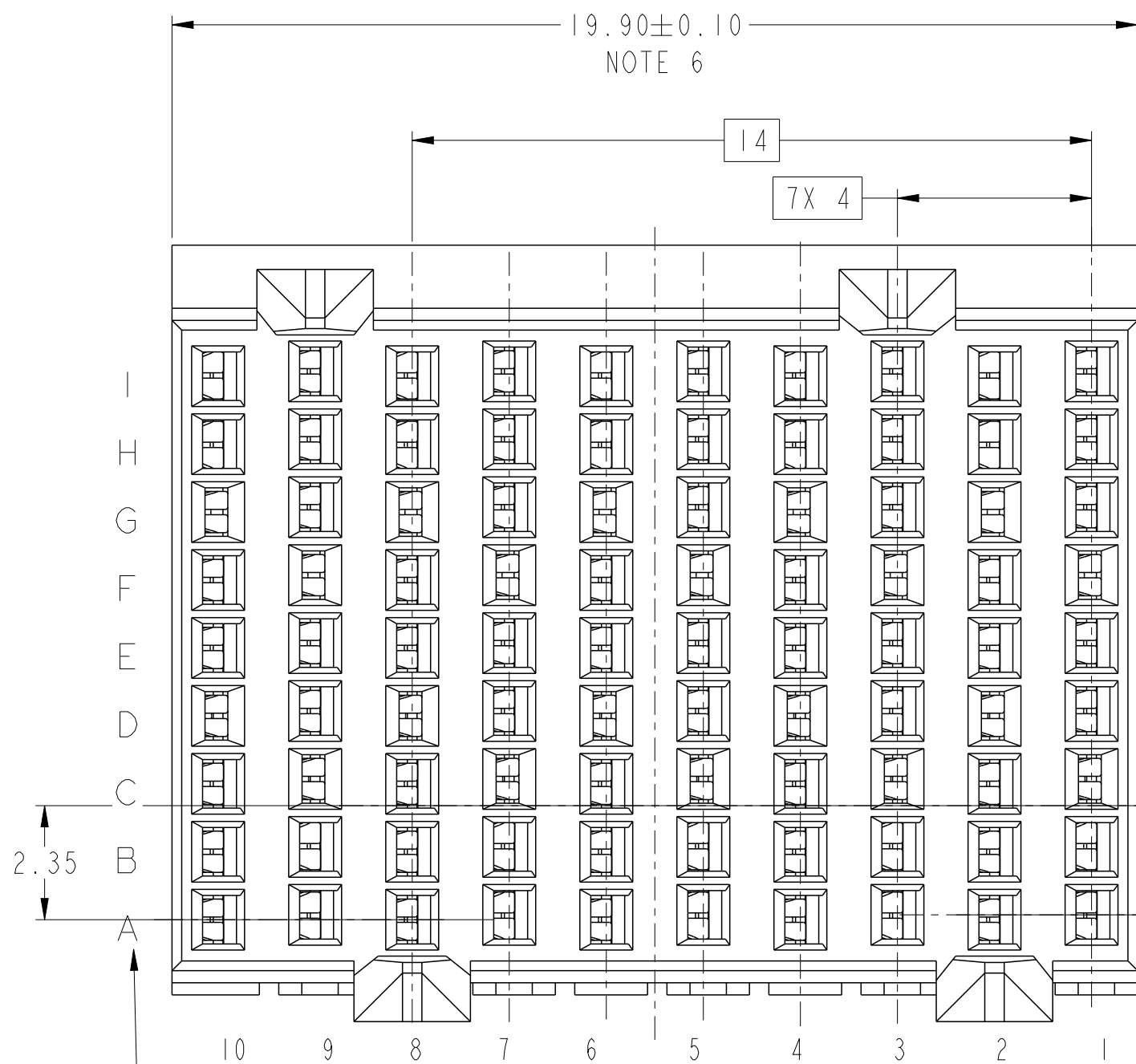


PRODUCT NUMBER
SEE SHEET 3



2.35

EVEN COLUMN, CONTACT ROW ID
ODD AND EVEN COLUMNS ARE OFFSET

COLUMN ID

ODD COLUMN, CONTACT ROW ID

10.50 ϕ OF EVEN COLUMNS
10.60 ϕ OF ODD COLUMNS

(1.50)

(11.05)

(4.45)

(25.80)

HOUSING

NOTE 5

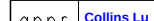
IMLA A

RETAINER

11.55

90 $\times$ 1.60 $\pm$ 0.15

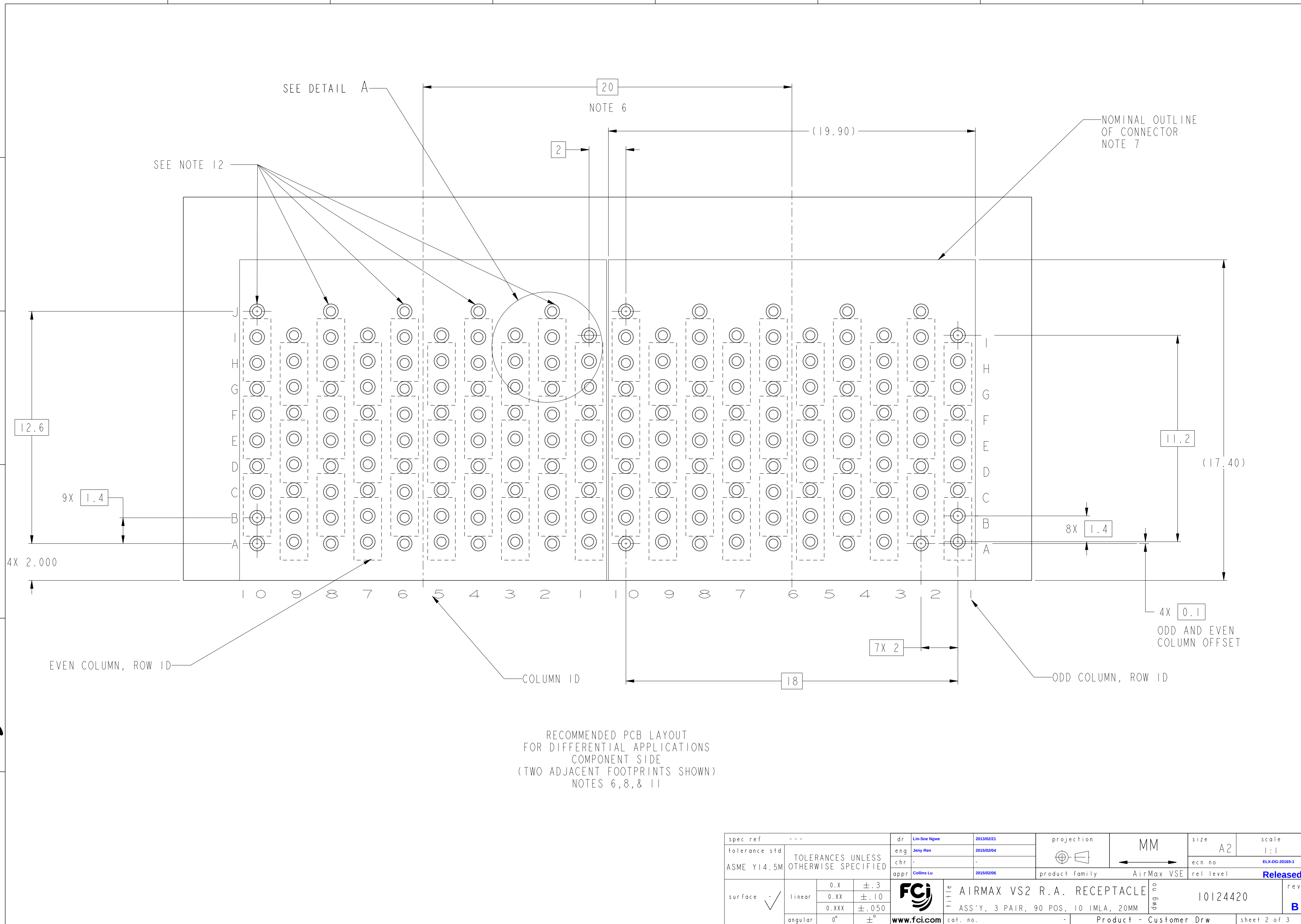
1.4

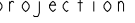
spec ref		---		dr		Lin-Soe Ngwe		2013/02/21		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jeny Ren		2015/02/04						ecn no		ELX-DG-20165-1		rel level		Released	
ASME Y14.5M				chr		-		-													
				appr		Collins Lu		2015/02/06		product family		AirMax VSE									
surface 		linear		0.X		±.3				title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10124420		rev		B	
				0.XX		±.10															
		0.XXX		±.050		cat. no.															
		angular		0°		±°		www.fci.com													

PDS: Rev :B

STATUS:Released

Printed: Feb 06, 2015



spec ref		---		dr		Lin-Soe Ngwe		2013/02/21		projection				MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jeny Ren		2015/02/04				ecn no		ELX-DG-20165-1		rel level		Released					
ASME Y14.5M				chr		-																	
				appr		Collins Lu		2015/02/06												product family		AirMax VSE	
surface			linear		0.X		±.3				title		AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 90 POS, 10 IMLA, 20MM		dwg no		10124420		rev		B		
					0.XX		±.10																
					0.XXX		±.050																
			angular		0°		±°																
				www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 3											

1

PRODUCT NUMBER

10124420-101

TIN/LEAD ALLOY OVER NICKEL

2

PRESS-FIT TAIL PLATING TYPE

10124420-101LF

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 20.0 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 (Ø0.500) 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

B

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

95X (Ø0.80)

(1.50)

1.4

(3.40)

60X (Ø0.50)

SIGNAL
NOTES 8 AND 11

Ø

Ø0.1

35X (Ø0.50)

GROUND AND J VIA
NOTES 8, 11, AND 12

Ø

Ø0.1

DETAIL A

SCALE 16:1

10124420-101 OR -101LF

spec ref

tolerance std

ASME Y14.5M

surface

✓

dr

Lin-Soe Ngwe

eng

Jeny Ren

chr

-

appr

Collins Lu

projection

MM

size

A2

scale

4:1

ecn no

ELX-DG-20165-1

rel level

Released

product family

title

AIRMAX VS2 R.A. RECEPTACLE
ASS'Y, 3 PAIR, 90 POS, 10 IMLA, 20MM

cat. no.

Product - Customer Drw

sheet 3 of 3

0.X

±.3

0.XX

±.10

0.XXX

±.050

linear

angular

0°

±°

FCI

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PDS: Rev :B

STATUS:Released

Printed: Feb 06, 2015

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[10124420-101LF](#)