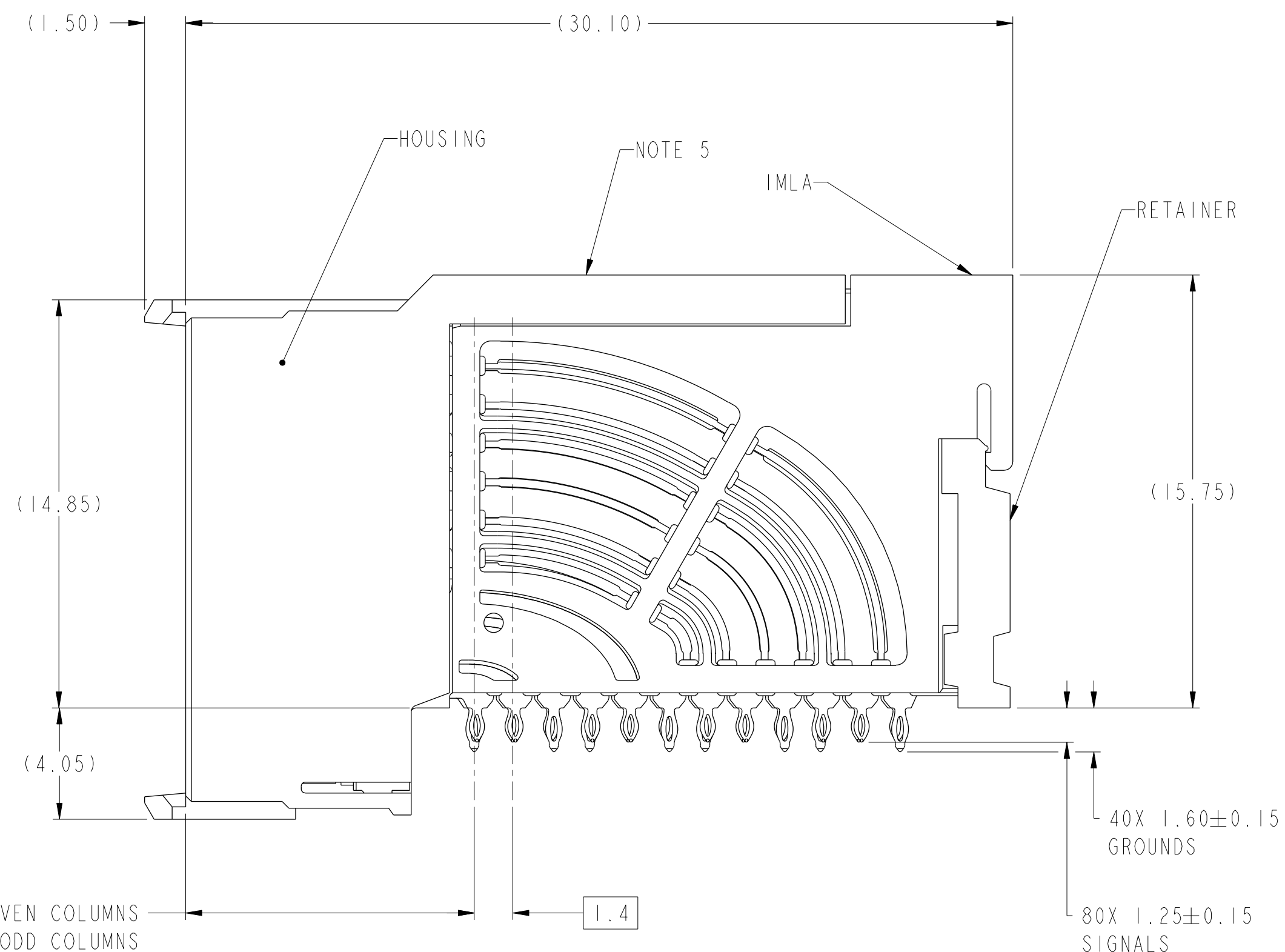
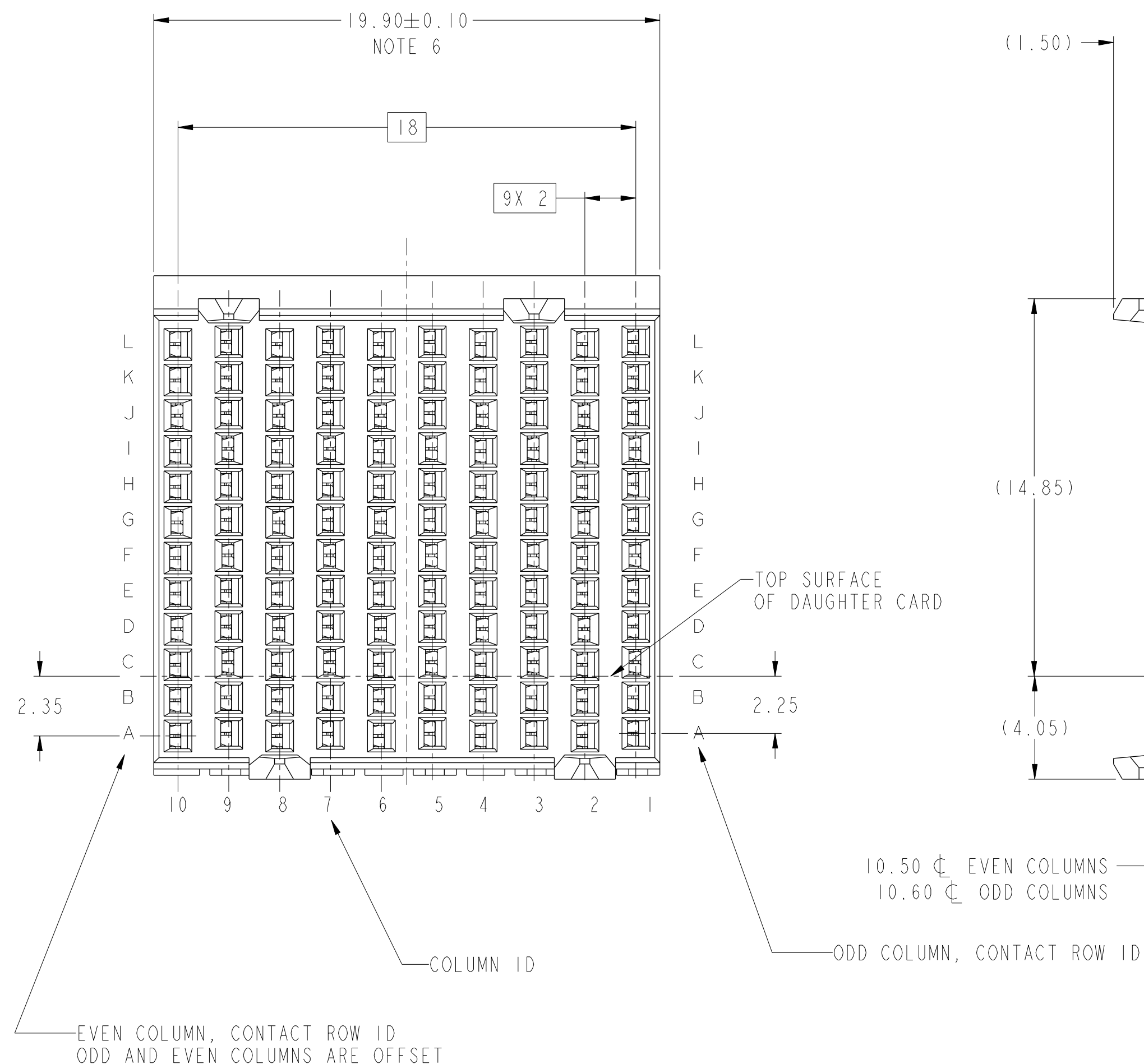
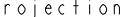
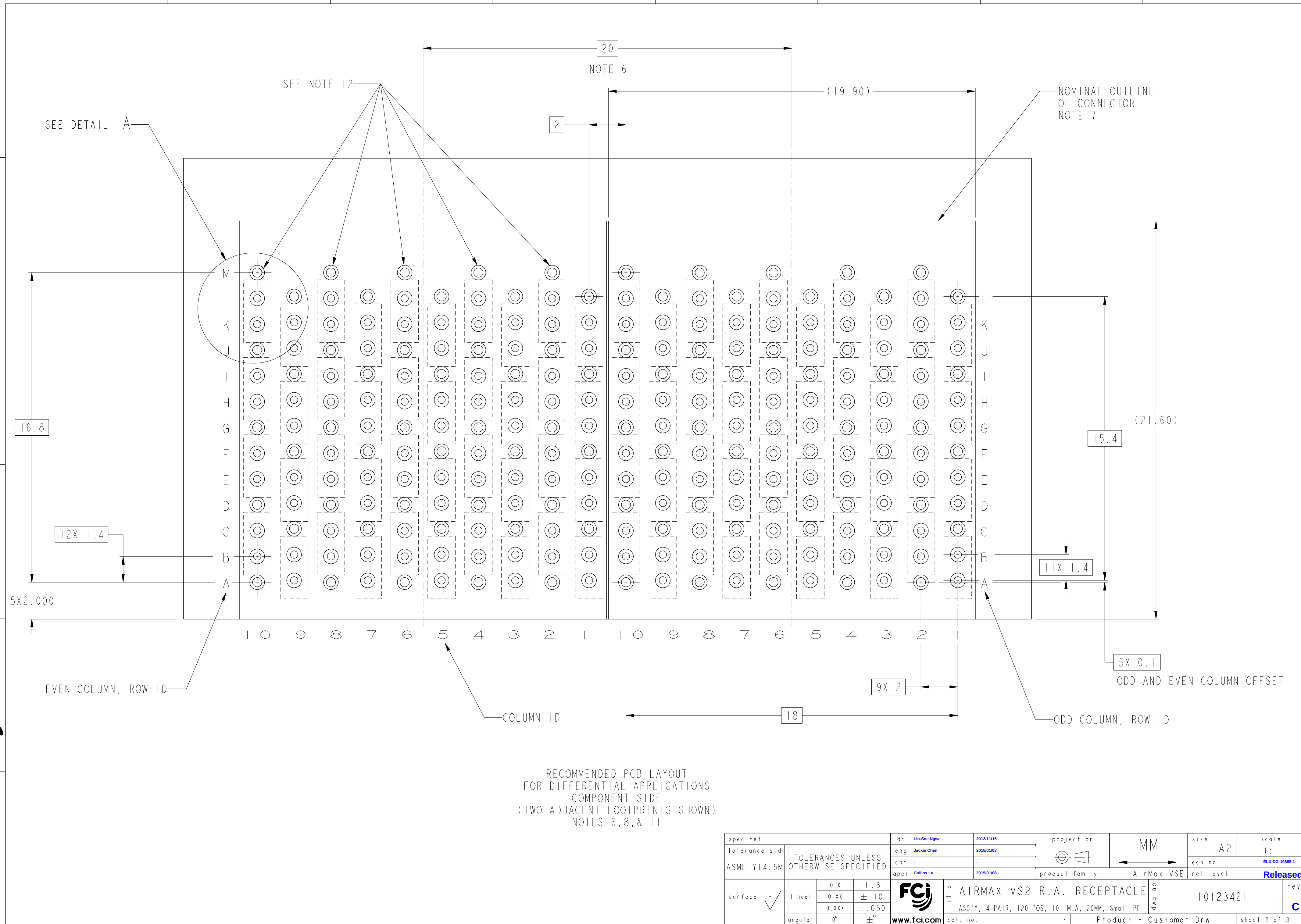
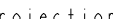




spec ref		---		dr		Lin-See Ngwe		2012/11/15		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2015/01/08						ecn no		ELK-DG-1988-1					
ASME Y14.5M				chr		-		-													
				appr		Collins Lu		2015/01/08		product family		AirMax VSE		rel level		Released					
surface 		linear				title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10123421		rev		C					
		0.X ±.3																			
		0.XX ±.10																			
		0.XXX ±.050																			
		angular		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		Lin-Soe Ngwe		2012/11/15		projection				size		A2		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2015/01/08				MM		ecn no		ELX-DG-19888-1											
ASME Y14.5M				chr		-		-						rel level		Released											
		appr		Collins Lu		2015/01/08		product family						AirMax VSE													
surface 		linear		0.X		±.3				title		AIRMAX VS2 R.A. RECEPTACLE								dwg no		10123421		rev		C	
				0.XX		±.10																					
		angular		0°		±°																					

1

PRODUCT NUMBER

10123421-101

TIN/LEAD ALLOY OVER NICKEL

10123421-101LF

TIN OVER NICKEL (LEAD FREE)

2

1

2 - 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

3 - CONTACT PLATING:
SEPARABLE INTERFACE:
GXT PLUS PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE

4 - PRESS-FIT TAILS: SEE TABLE

5 - 3 - PRODUCT SPECIFICATION: GS-12-0956

6 - 4 - APPLICATION SPECIFICATION: GS-20-0305.

7 - 5 - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.

8 - 6 - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 MM.

9 - 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.

10 - 8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

11 - 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

12 - 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

13 - 11 - GROUND CONTACTS (C,F,I AND L IN ODD COLUMNS AND A,D,G AND J, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.

14 - 12 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE. PRESSED INTO THESE HOLES, WE RECOMMEND (Ø 0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

15 - 13- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

125X (Ø0.80)

(1.50)

(3.40)

1.4

80X (Ø0.40)
SIGNAL
NOTES 8 AND 11

45X (Ø0.50)
GROUND AND M VIA
NOTES 8, 11 AND 12

DETAIL SCALE A 16:1

10123421-101 OR -101LF

spec ref

tolerance std

ASME Y14.5M

surface

✓

linear

angular

0.X

0.XX

0.XXX

±.3

±.10

±.050

0°

±°

TOLERANCES UNLESS OTHERWISE SPECIFIED

FCj

www.fci.com

dr

Lin-Soe Ngwe

2012/11/15

eng

Jackie Chen

2015/01/08

chr

-

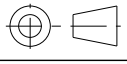
-

appr

Collins Lu

2015/01/08

projection



MM

product family

size

A2

scale

4:1

ecn no

ELX-DG-18888-1

rel level

Released

title

AIRMAX VS2 R.A. RECEPTACLE

ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM, Small PF

cat. no.

Product - Customer Drw

sheet 3 of 3

dwg no

10123421

rev

C

PDS: Rev :C

STATUS:Released

Printed: Jan 09, 2015