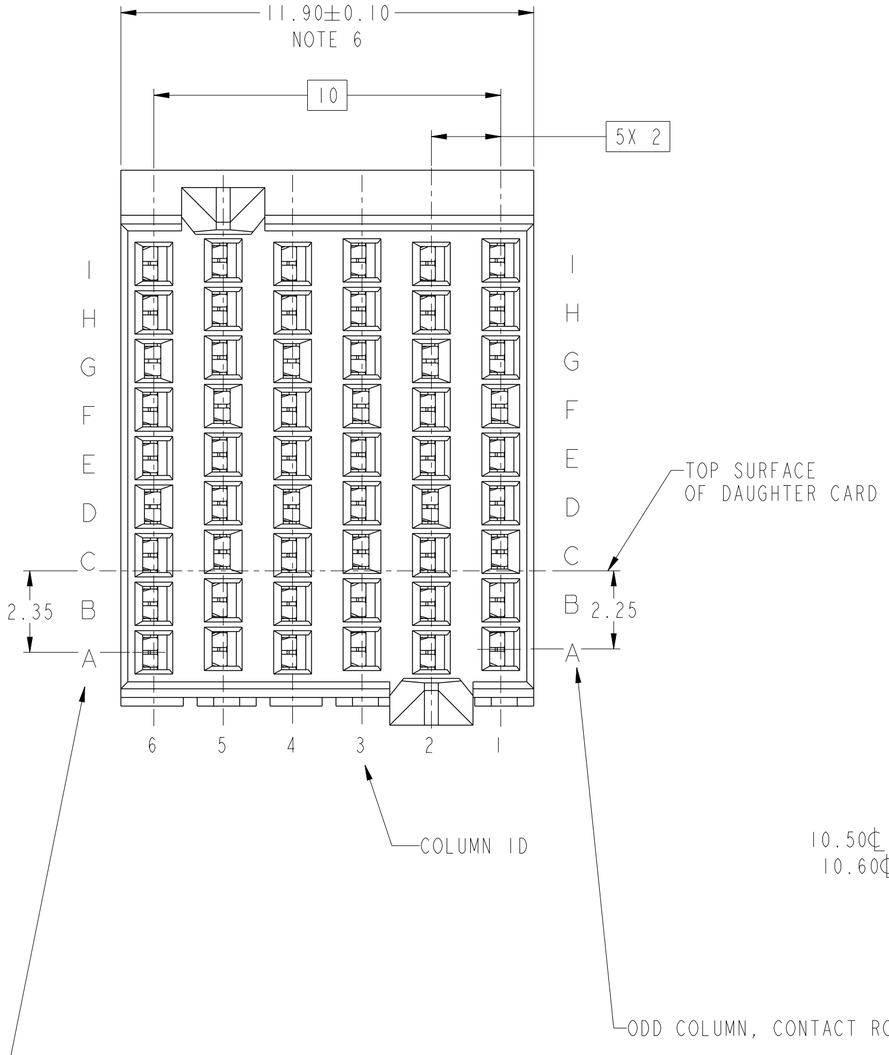
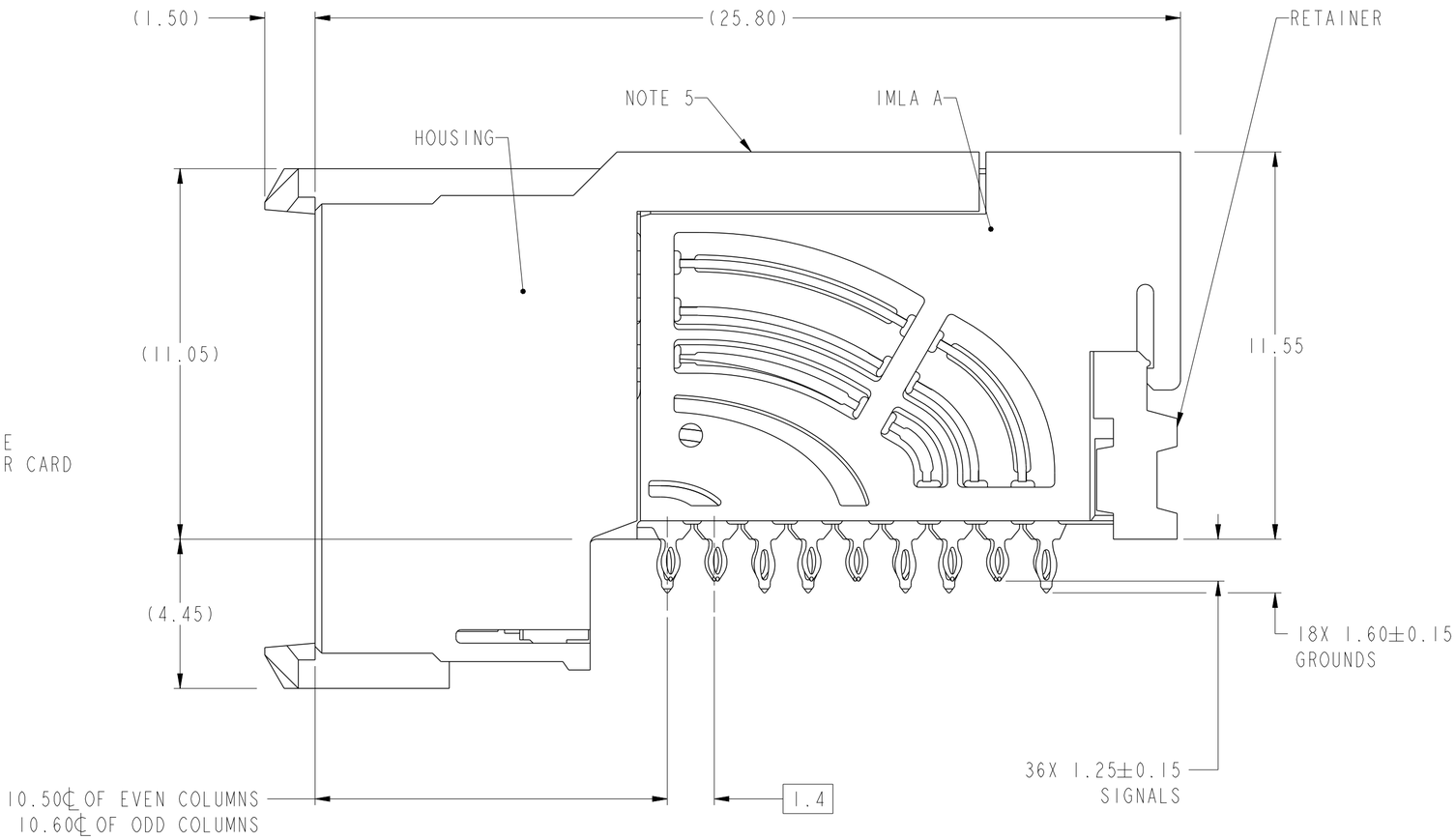
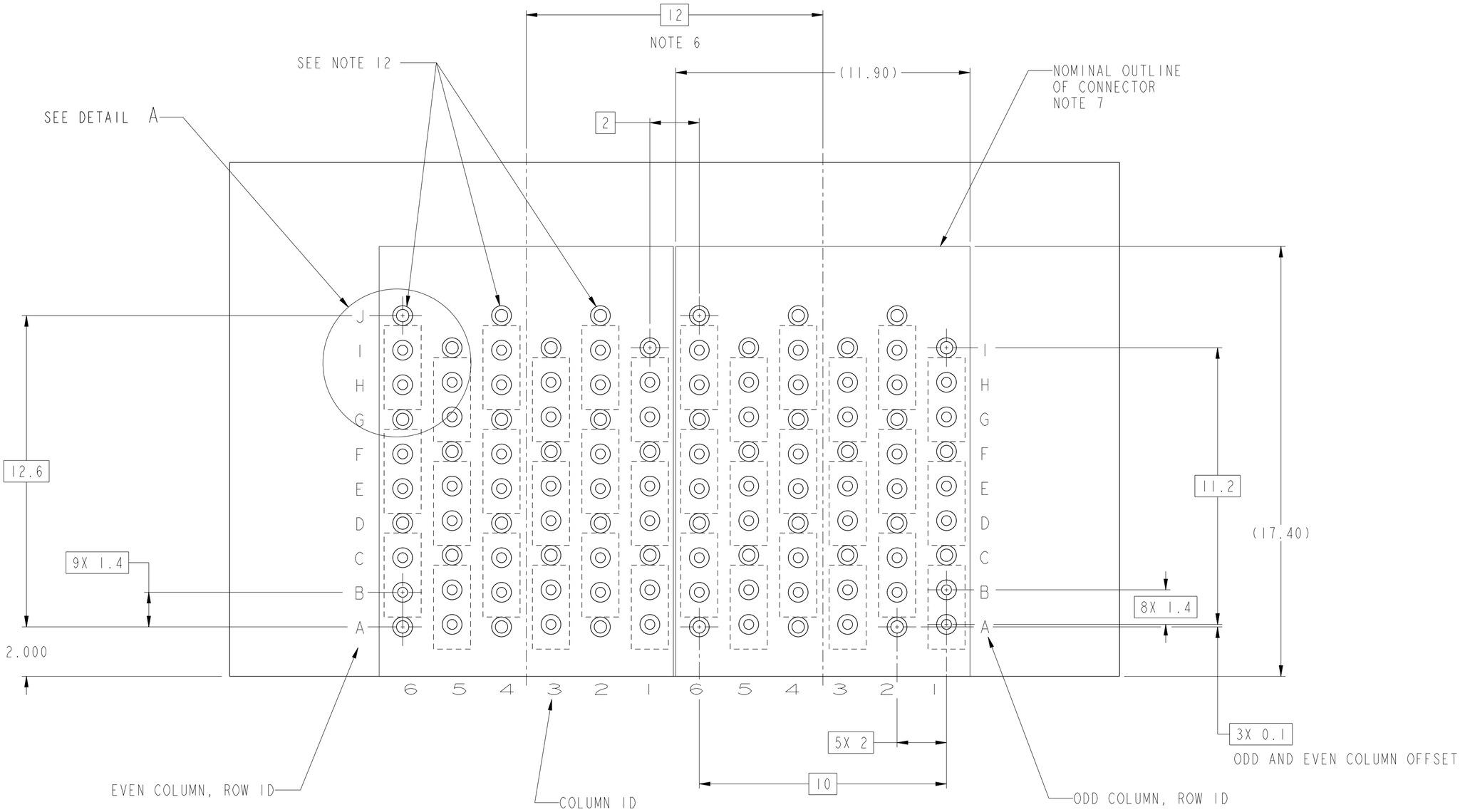
PRODUCT NUMBER
SEE SHEET 3





spec ref	---			dr	D Johnescu	2011/10/07	projection	MM	size A2	scale 1:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Lin-Soe Ngwe	2013/06/06			ecn no	-
				chr	-	-				
				appr	Chen-Hong Tan	2013/06/06	product family	AirMax VSE	rel level	Released
surface	linear	0.X	±.3	FCI	title	AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM	dwg no	10115910	rev	A
		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	D Johnescu	2011/10/07	projection	MM
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Lin-Soe Ngwe	2013/06/06		size A2 / scale 1:1
			chr	-	-		ecn no -
			appr	Chen-Hong Tan	2013/06/06	product family	AirMax VSE / rel level Released
surface √	linear	0.X ±.3	FCI	title	AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM	dwg no	10115910 / rev A
		0.XX ±.10					
		0.XXX ±.050	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 3
	angular	0° ±°					

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.

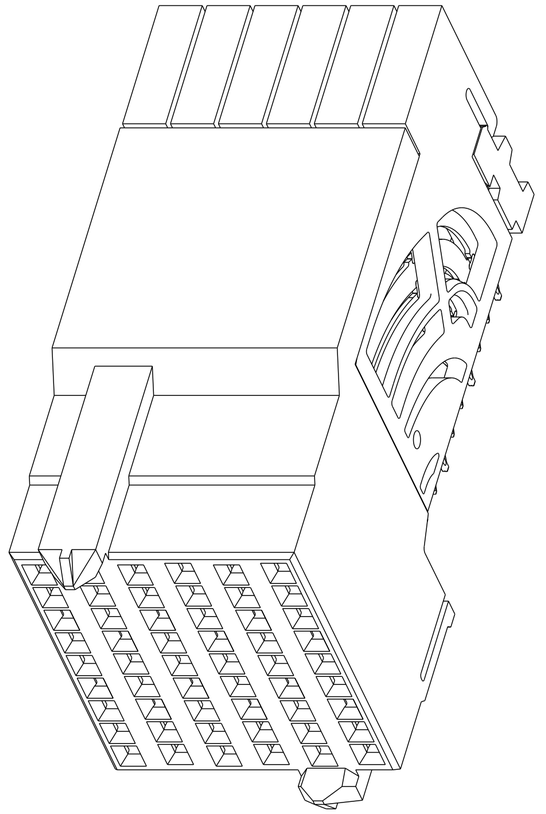
(8) - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

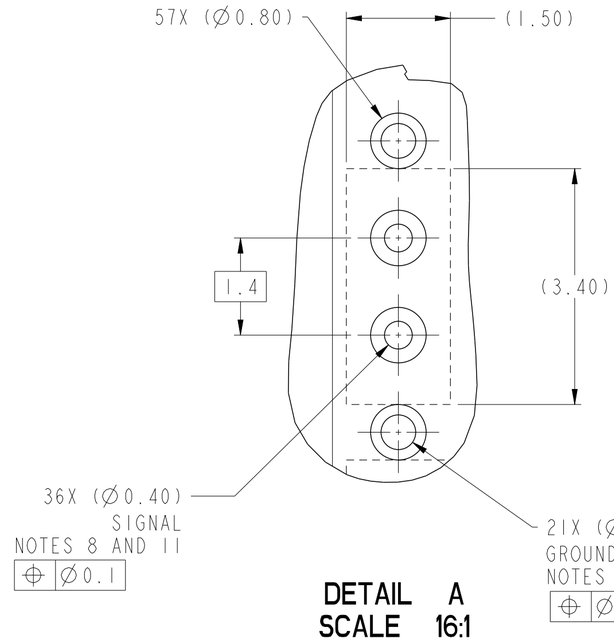
9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

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 (∅0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.400) FINISHED HOLES.

(12) - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (∅0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.





DETAIL A
SCALE 16:1

10115910-101 OR -101LF

spec ref	---			dr	D Johnescu	2011/10/07	projection	MM	size A2	scale 4:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Lin-Soe Ngwe	2013/06/06			ecn no	-
				chr	-	-				
				appr	Chen-Hong Tan	2013/06/06	product family		rel level	Released
surface	linear	0.X	±.3	FCI www.fci.com	title	AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM			dwg no	10115910	rev A
		0.XX	±.10							
		0.XXX	±.050							
	angular	0°	±°	www.fci.com	cat. no.		Product - Customer Drw		sheet 3 of 3	