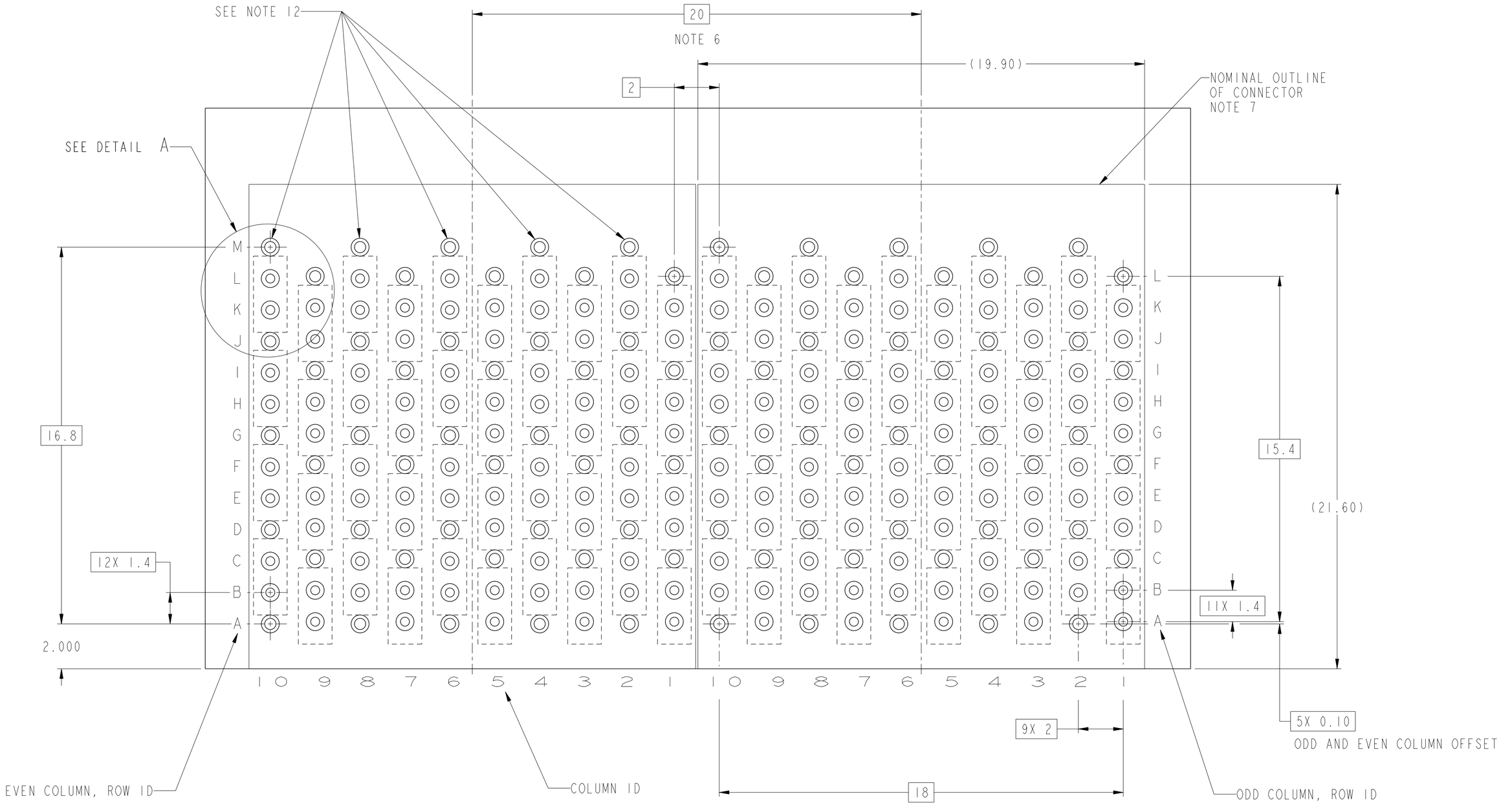


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref	---		dr	Stu Stoner	2010/06/04	projection	MM	size A2	scale 1:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Mark Gray	2012/03/15				
			chr	-	-			ecn no	ELX-V-010779-1
			appr	C Pendleton	2012/03/23	product family	AirMax VSE	rel level	Released
surface √	linear	0.X ±.3	FCI	title	AirMax VSE R.A. RECEPTACLE Ass'y, 4 Pair, 120 pos, 10 IMLA, 20mm			dwg no	10115015	rev	C
		0.XX ±.10							
		0.XXX ±.050							
	angular	0° ±°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 2 of 3	

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10115015-101	TIN/LEAD ALLOY OVER NICKEL
10115015-101LF	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, NATURAL, UL94-V0

2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-XXX 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.

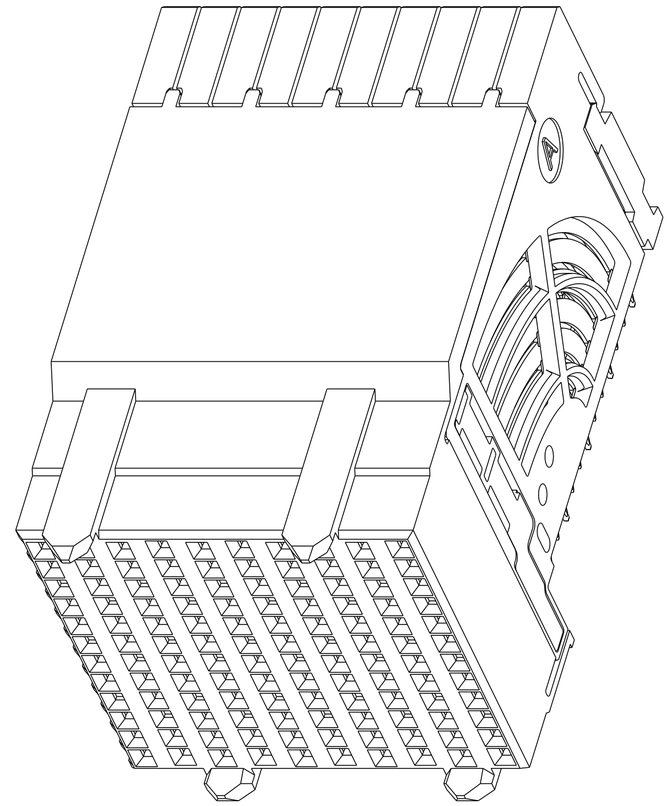
(8)- REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

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

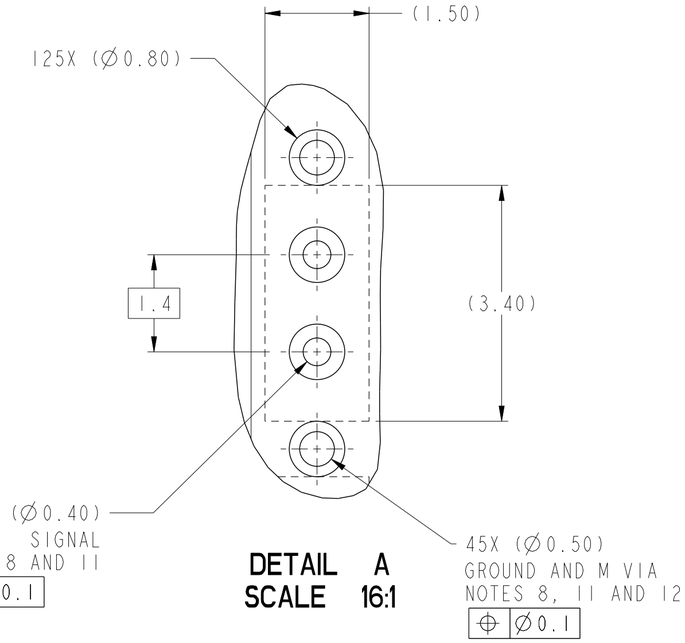
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(11)- GROUND CONTACTS (C,F,I AND L IN ODD COLUMNS AND A, D, G AND J IN EVEN COLUMNS) REQUIRE (∅0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.400) FINISHED HOLES.

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



10115015-101 OR -101LF



DETAIL A
SCALE 16:1

spec ref ---			dr	Stu Stoner	2010/06/04	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Mark Gray	2012/03/15			ecn no ELX-V-010779-1
			chr	-	-			
			appr	C Pendleton	2012/03/23	product family		rel level Released
surface	linear	0.X	±.3	FCI www.fci.com	title	AirMax VSE R.A. RECEPTACLE Ass'y, 4 Pair, 120 pos, 10 IMLA, 20mm	dwg no 10115015	rev C
		0.XX	±.10					
		0.XXX	±.050					
	angular	0°	±°		cat. no.	Product - Customer Drw		sheet 3 of 3