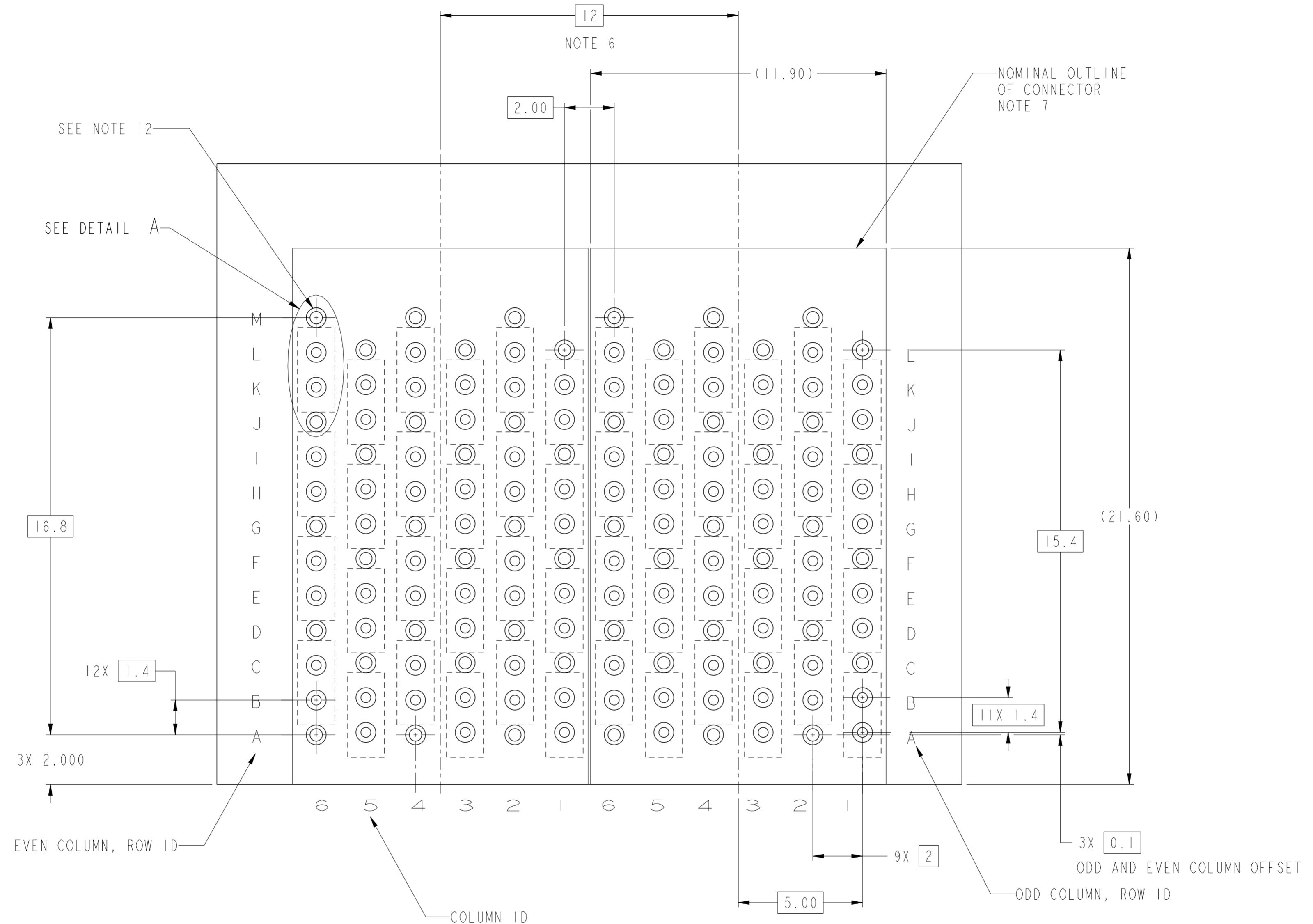


Amphenol FCI

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

spec ref	---	dr	Kou Xu	2014/06/13			size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5M	eng	Tao Zhan	2016/06/15			ecn no	-	1:1
chr		-	-	-			rel level	Released	rev A
appr		Pei-Ming Zheng	2016/06/15	product family	AirMax	VSE			
surface	-	linear	0.X	±.3	Amphenol FCI	AIRMAX VS2 RA RECEPTACLE	dwg	10130567	rev
			0.XX	±.10		4 PAIR 72 POS 2MM 6 COL SMALL PRESS FIT	dwg		
			0.XXX	±.050					
		angular	0°	±°		cat. no.	-	Product - Customer Drw	sheet 2 of 3

	2	3	4	5	6	7	8
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE						
10130567-101LF	TIN OVER NICKEL (LEAD FREE)						

A

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, (PROTOTYPE, 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,I AND L IN ODD COLUMNS AND A,D,G AND J, EVEN COLUMNS) REQUIRE (ϕ 0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (ϕ 0.400) FINISHED HOLES.

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

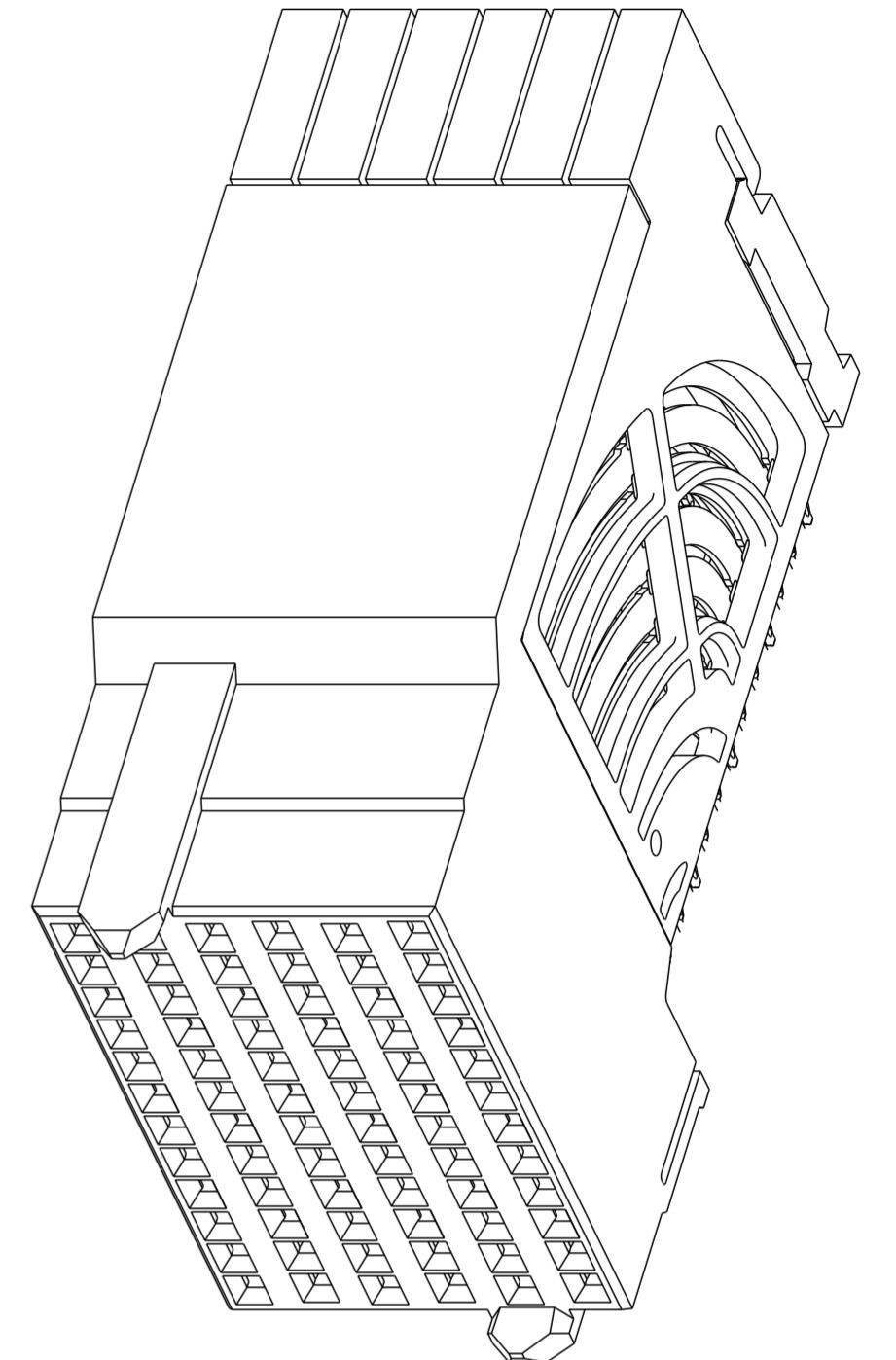
B

C

D

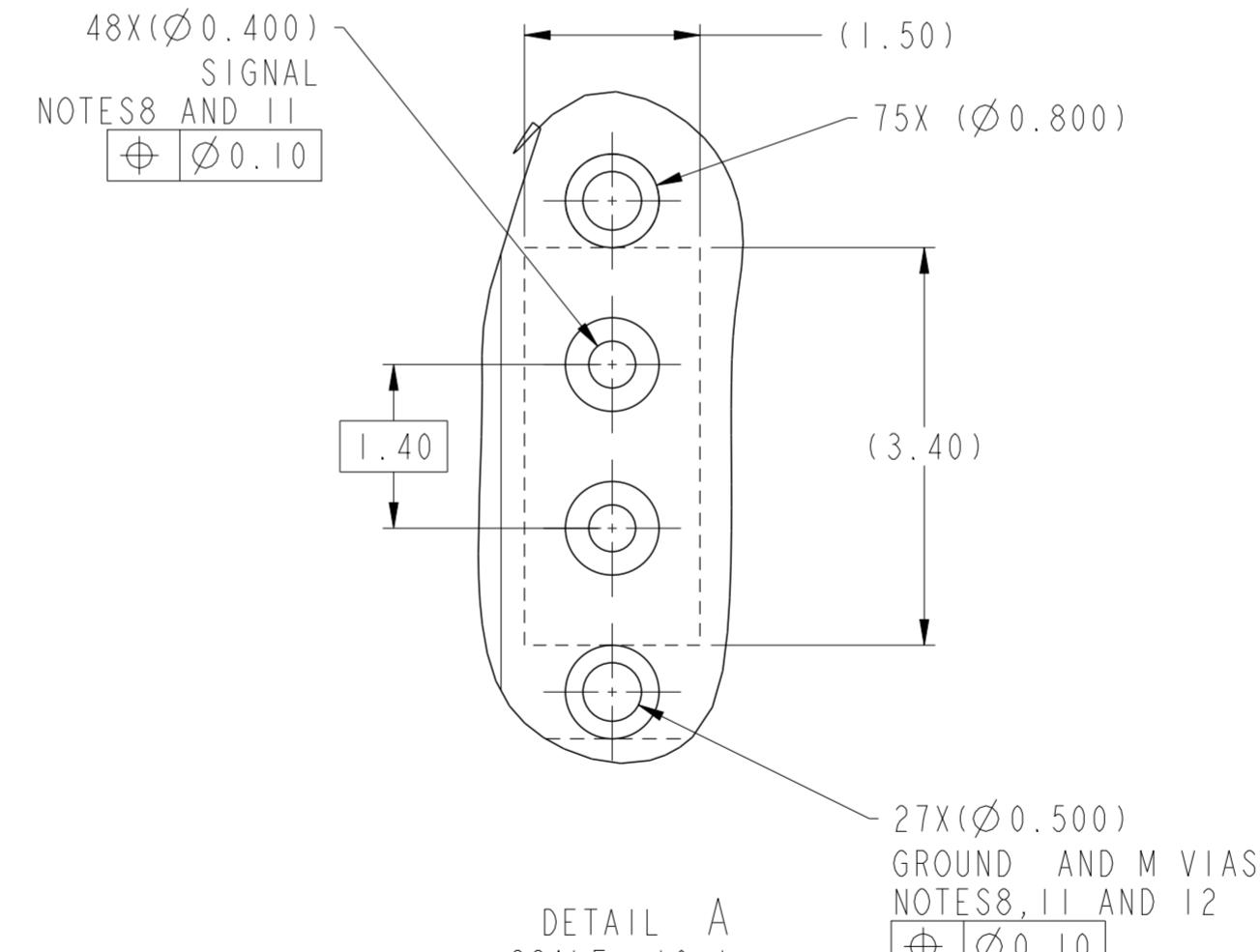
E

F



10130567-101LF

DETAIL A
SCALE 16:1



spec ref --- **dr** Kou Xu 2014/06/13 **projection** **size** A2 **scale** 4:1
tolerance std TOLERANCES UNLESS **eng** Tao Zhan 2016/06/15 **MM**
ASME Y14.5M OTHERWISE SPECIFIED **chr** - **ecn no** - **rel level** Released
surface **linear** 0.X ± .3 **oppn** Pei-Ming Zheng 2016/06/15 **product family**
0.XX ± .10 **cat. no.** **Product - Customer Drw**
0.XXX ± .050 **dag no** 10130567 **rev** A
Amphenol **AIRMAX VS2 RA RECEPTACLE**
FCi **4 PAIR 72 POS 2MM 6 COL SMALL PRESS FIT**