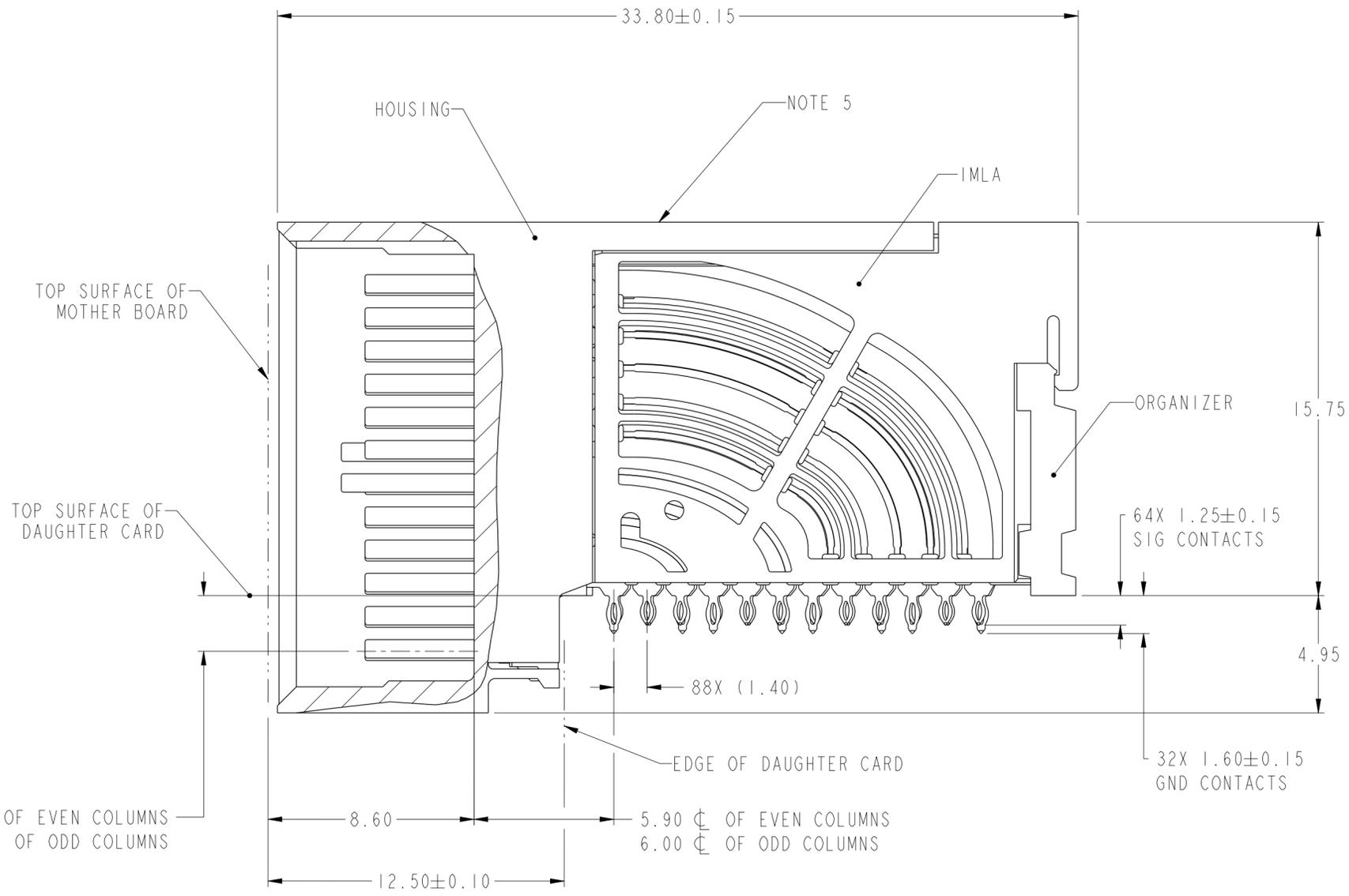
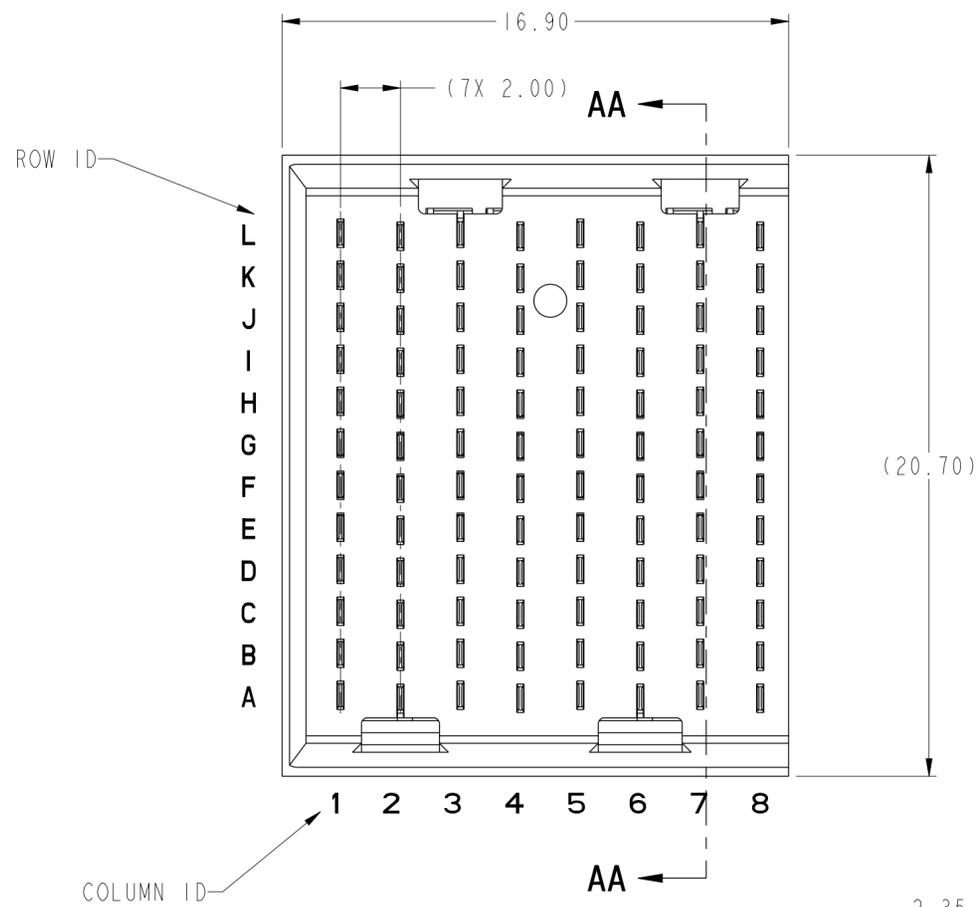


PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10131512-101LF	TIN OVER NICKEL (LEAD FREE)



SECTION AA-AA

Amphenol FCI

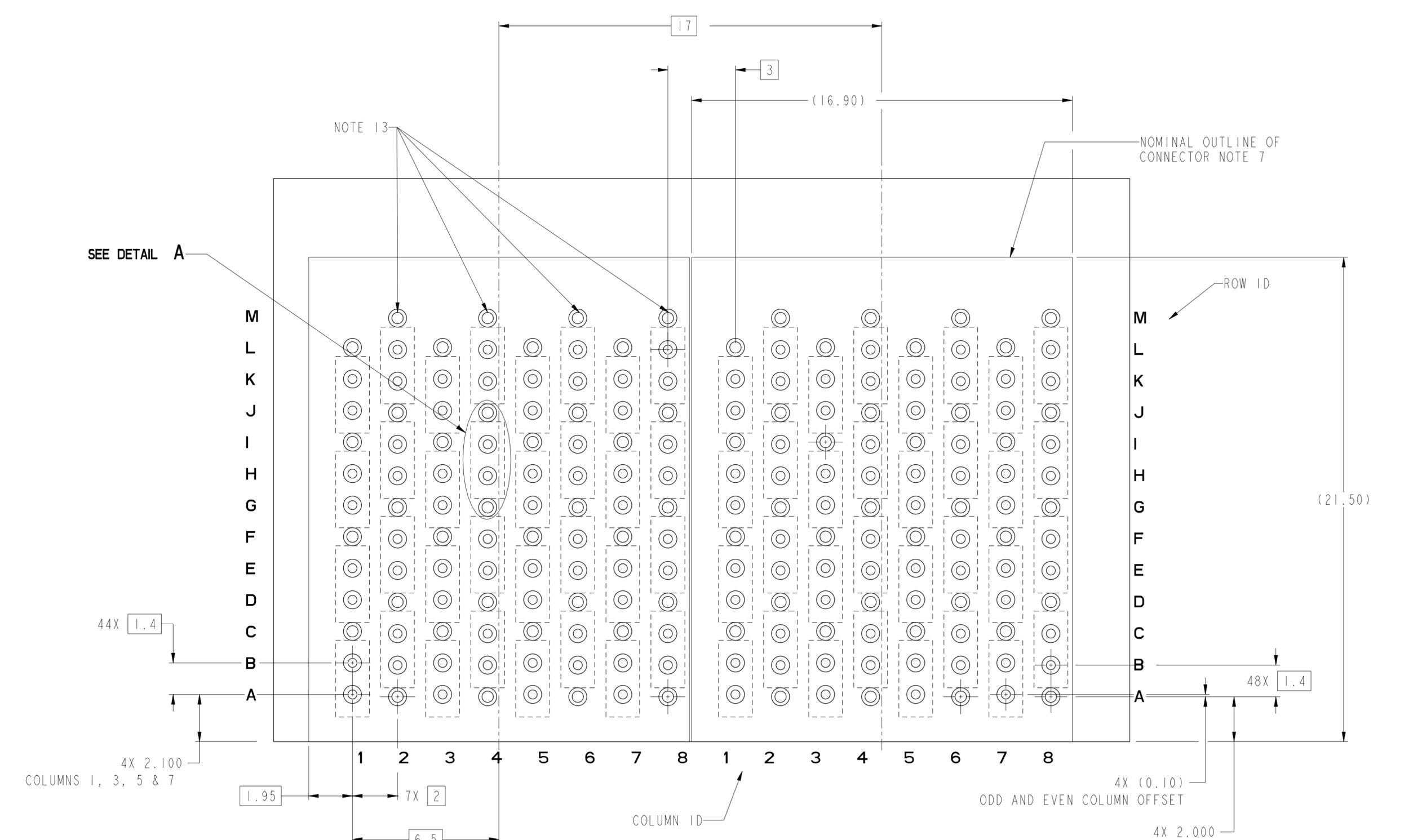
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spec ref	---	dr	Tao Zhan	2014/08/29	projection	MM	size	A2	scale	6:1	
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-25255-1	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17							
		appr	Pai-Ming Zheng	2016/11/18							
surface	linear	0.X	±.3		AIRMAX VSE RA HEADER 4 Pair, 96 pos, 8COL, 3 Wall/RIGHT Side	product family AirMax VSe	dwg no 10131512	rev C	cat. no. -	Product - Customer Drw	sheet 1 of 3
		0.XX	±.15								
		0.XXX	±.050								
	angular	0°	±2°								

PDS: Rev :C

STATUS:Released

Printed: Nov 18, 2016

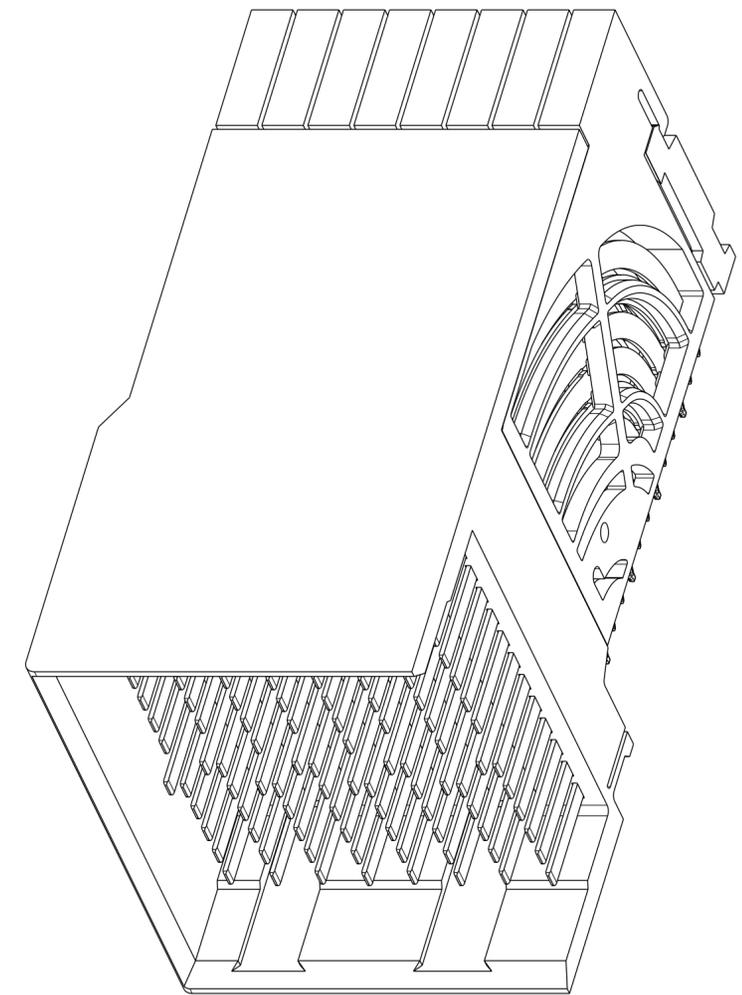


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12
SCALE 8:1

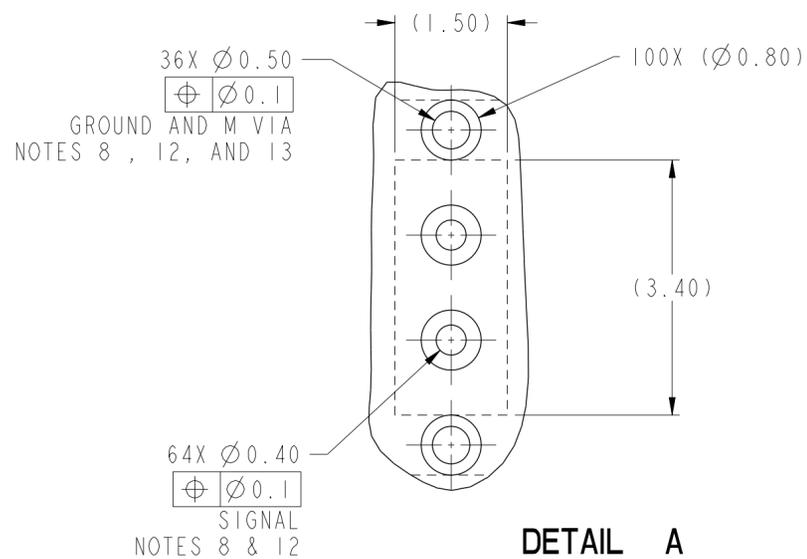
spec ref	---	dr	Tao Zhan	2014/08/29	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2016/11/18	product family	-	rel level	Released		
	angular	Amphenol FCi		title	AIRMAX VSE RA HEADER			dwg no	10131512	
					4 Pair, 96 pos, 8COL, 3 Wall/RIGHT Side			rev	C	
				cat. no.	-			Product - Customer Drw	sheet 2 of 3	

- ① - CONNECTOR MATERIALS:
HOUSING: LCP, 20% MINIMUM GLASS, 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-12-0956 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 - POSITIONS "F" OF ODD NUMBERED COLUMNS AND POSITIONS "G" OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS.
- ⑦ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR 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 - A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- 11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑫ - GROUND CONTACTS (C, F, I & L IN ODD COLUMNS AND A, D, G & J IN EVEN COLUMNS) REQUIRE ($\varnothing 0.50$) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ($\varnothing 0.40$) FINISHED HOLES
- ⑬ - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND ($\varnothing 0.500$) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10131512-101LF



spec ref	---	dr	Tao Zhan	2014/08/29	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released		
surface	linear	appr	Pai-Ming Zheng	2016/11/18	product family	-	dwg no	10131512		
	angular	Amphenol FCI		title	AIRMAX VSE RA HEADER			rev	C	
				4 Pair, 96 pos, 8COL, 3 Wall/RIGHT Side			cat. no.		Product - Customer Drw	
							sheet 3 of 3			