

10135280 - 10X LF

LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES

SEE NOTE 2

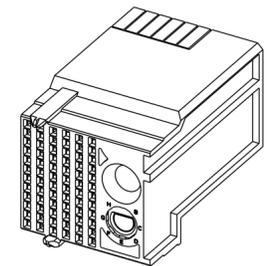
MODULE DESCRIPTION

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE MODULE

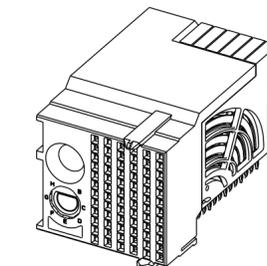
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)

<b>N</b>	<b>J</b> (NO KEY)	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>
NO KEY NO GUIDE PIN									



RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 2)

<b>Z</b>	<b>Y</b> (NO KEY)	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>
NO KEY NO GUIDE PIN									



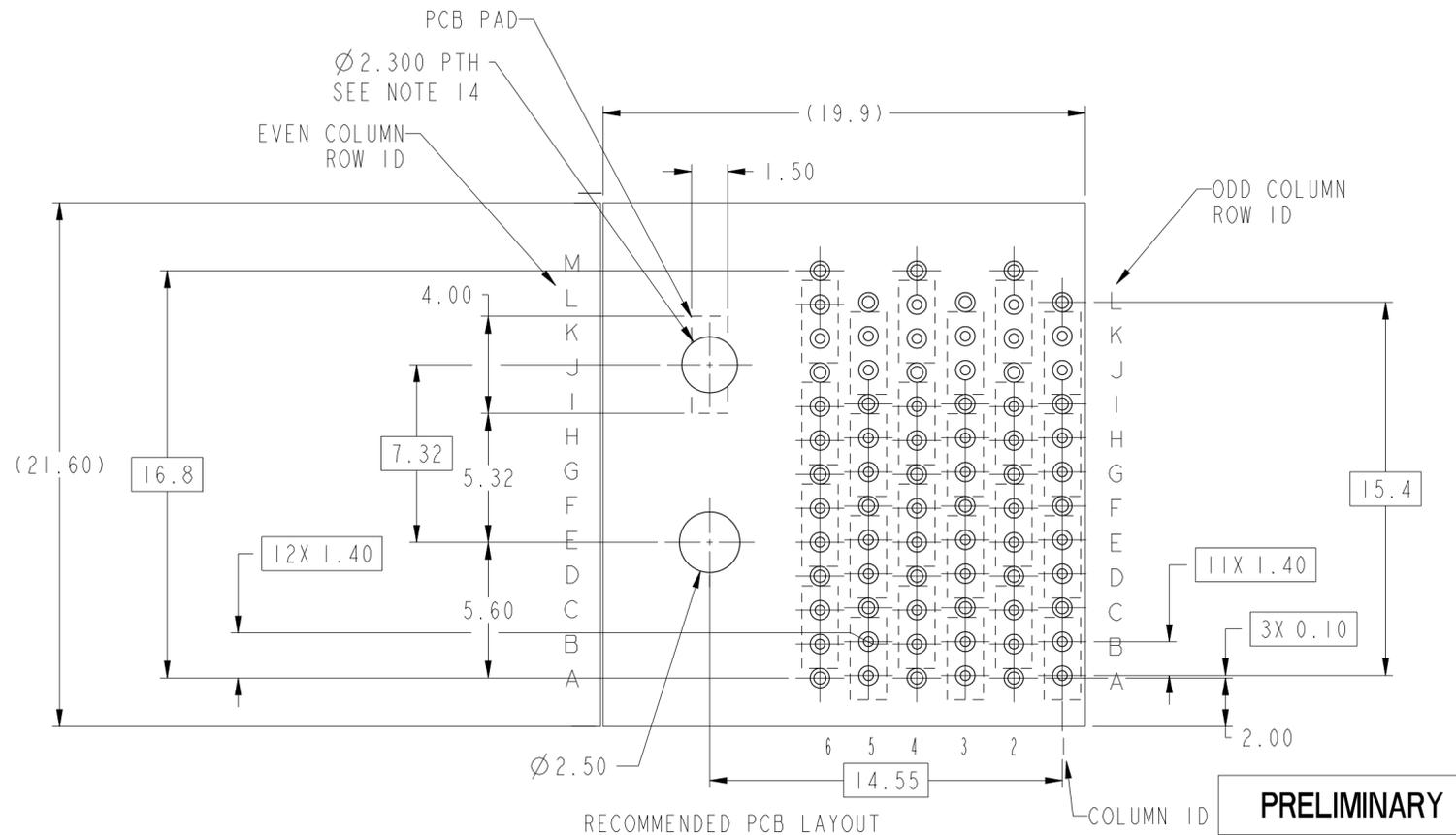
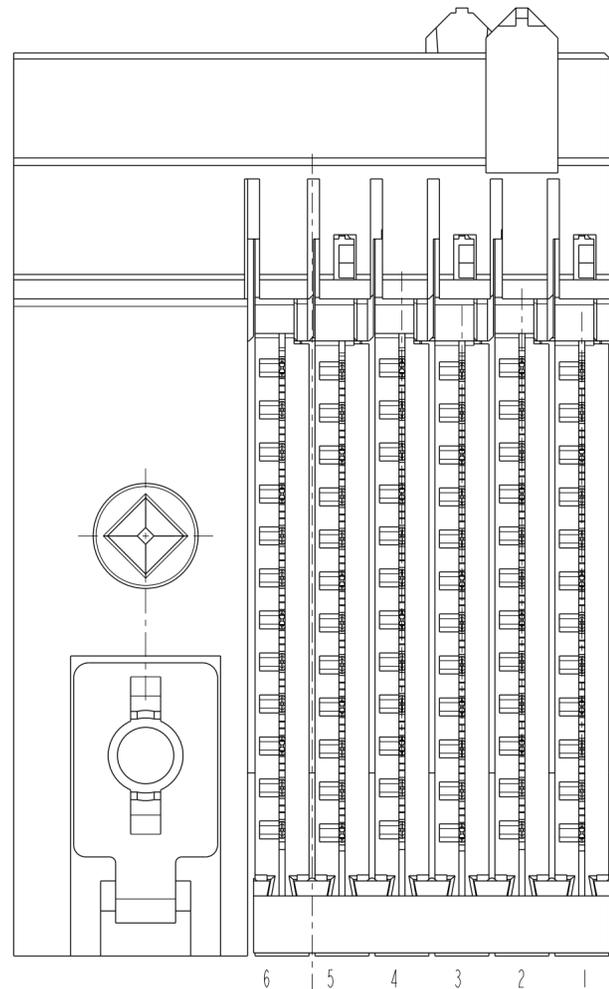
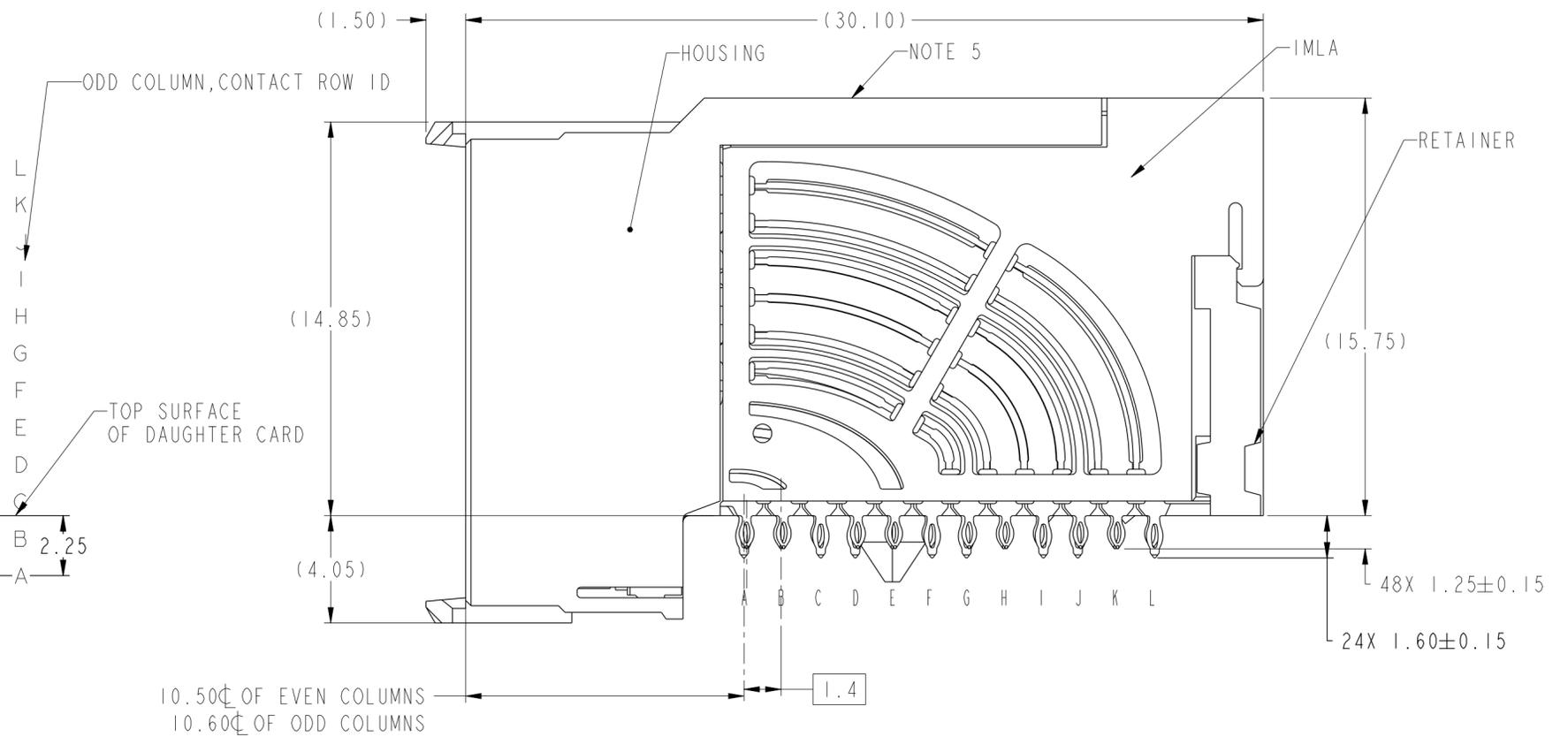
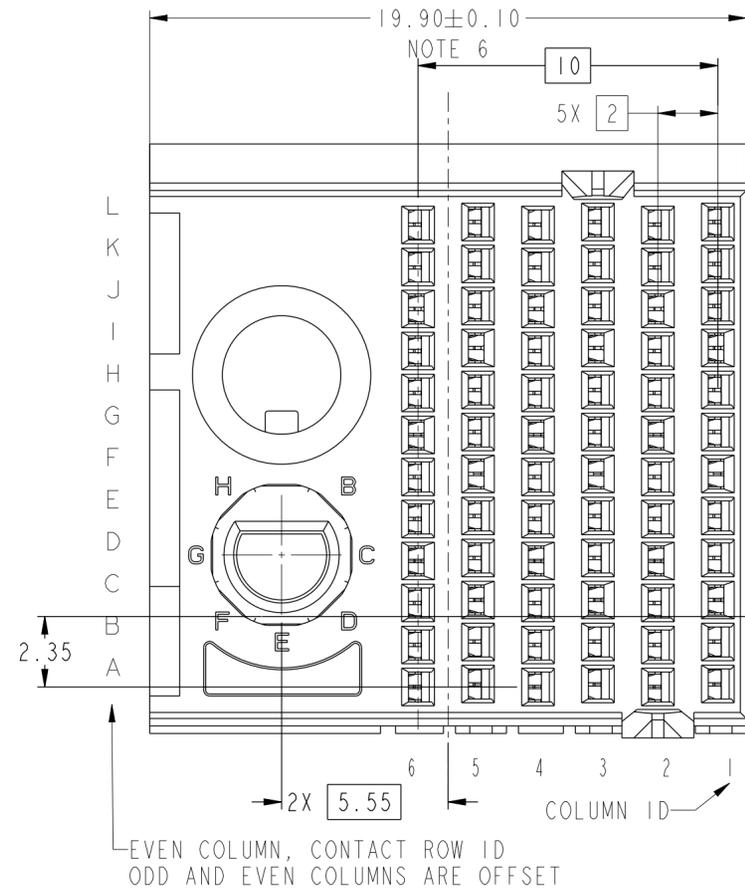
PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/05/14	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14			ecn no	-	rel level	Preliminary	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			AirMax VS2				
surface	- ✓	linear	0.X	±.3		<b>AIRMAX VS2 R.A. RECEPTACLE</b> ASS'Y, 4 PAIR, 72 POS, 6 IMLA, 20MM, W/GUIDE/KEY	dwg no 10135280	rev 1	cat. no. -	Product - Customer Drw	sheet 1 of 4
			0.XX	±.15							
			0.XXX	±.050							
		angular	0°	±°							

Amphenol FCI

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RIGHT POLARIZATION WITH GUIDE

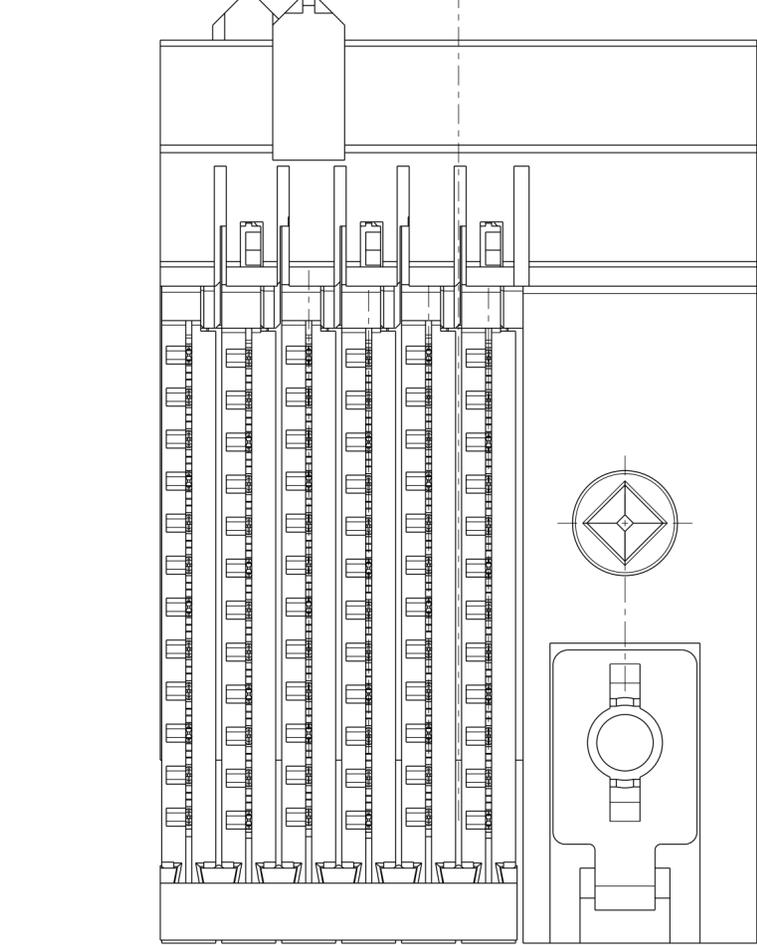
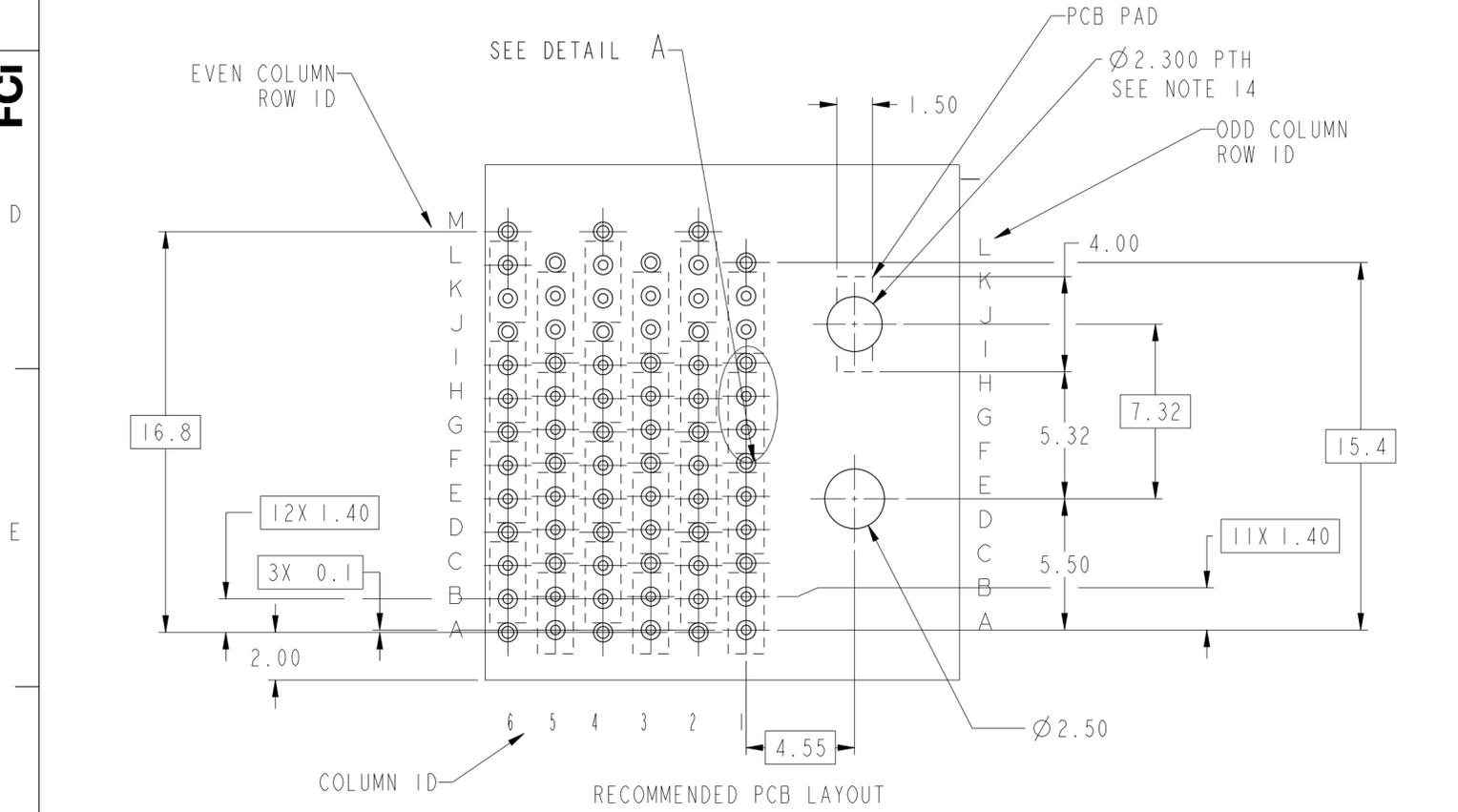
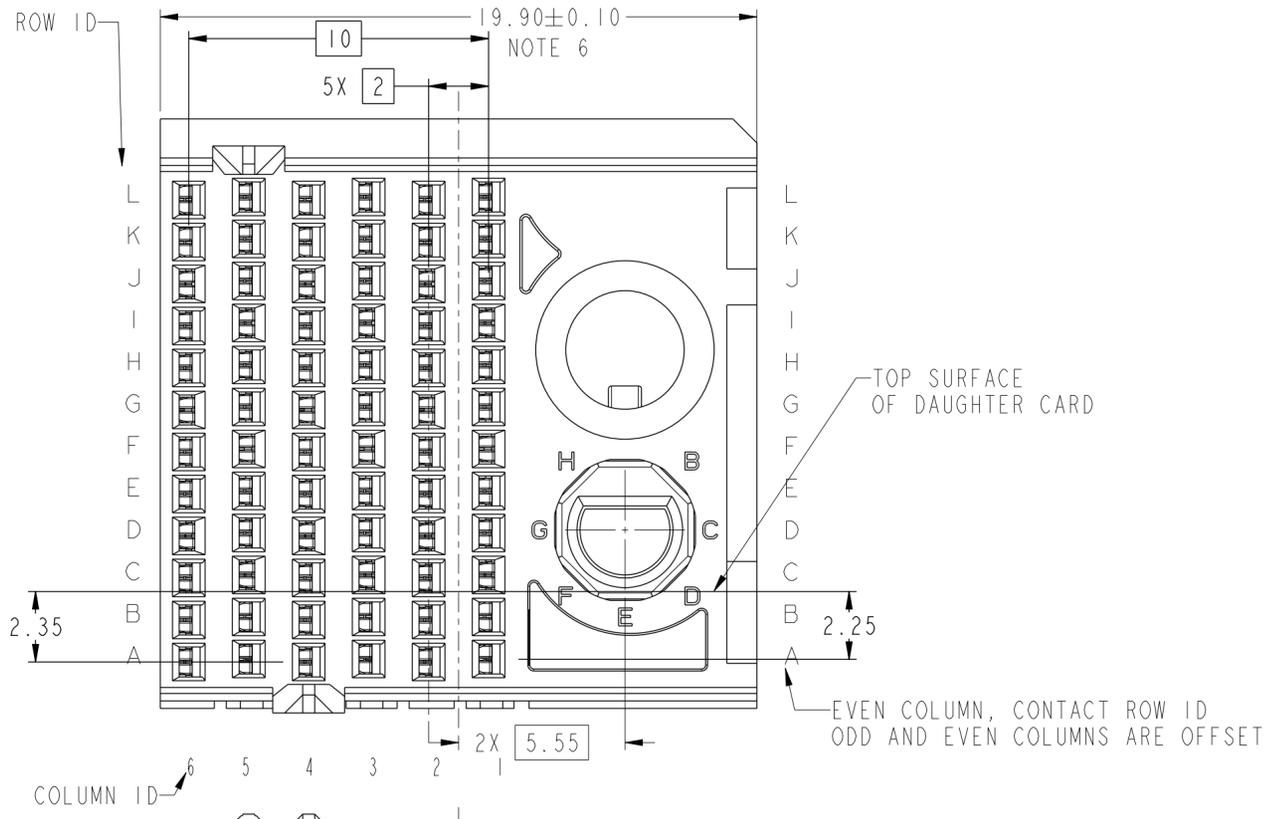
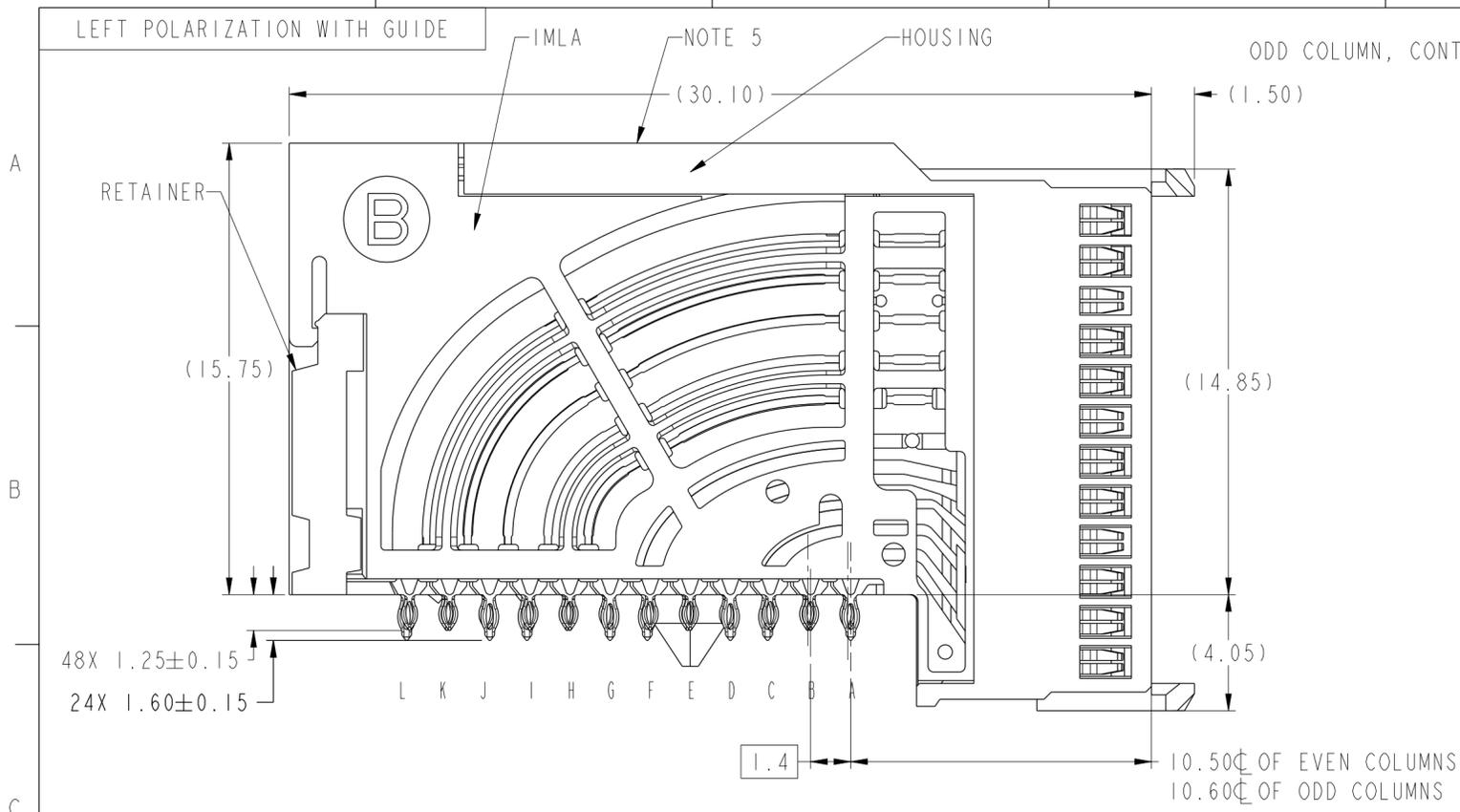


spec ref	---	dr	Tao Zhan	2015/05/14	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family	AirMax VS2	cat. no.	10135280	rev	1
surface	-	linear	0.X	±.3	Amphenol FCI		AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 72 POS, 6 IMLA, 20MM, W/GUIDE/KEY		Product - Customer Drw sheet 2 of 4	
			0.XX	±.15						
			0.XXX	±.050						
		angular	0°	±°						

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LEFT POLARIZATION WITH GUIDE



**PRELIMINARY**

spec ref	---	dr	Tao Zhan	2015/05/14	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14	chr	-	ecn no	-		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	-	-	product family	AIRMAX VS2	rel level	Preliminary		
surface	linear	0.X	±.3	Amphenol FCI	title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 72 POS, 6 IMLA, 20MM, W/GUIDE/KEY	dwg no	10135280	rev	1
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 3 of 4			

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135280-10ALF	TIN OVER NICKEL (LEAD FREE)
10135280-10PLF	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 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

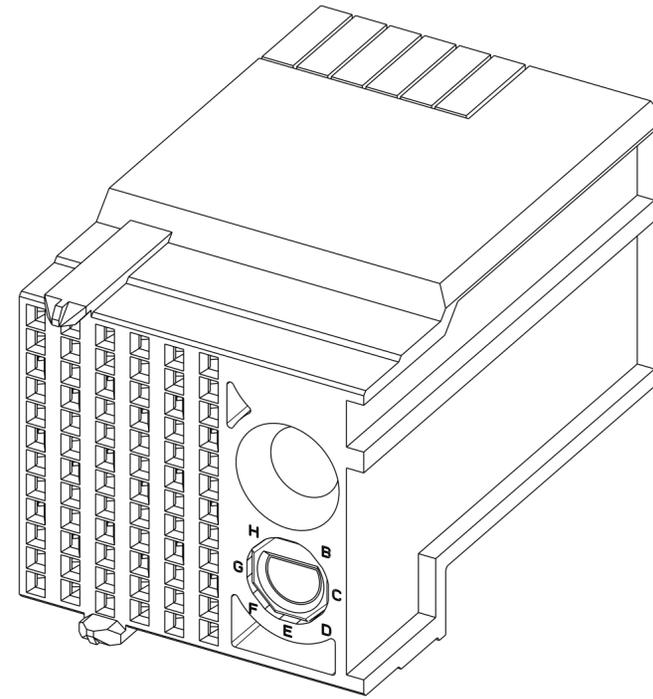
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

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

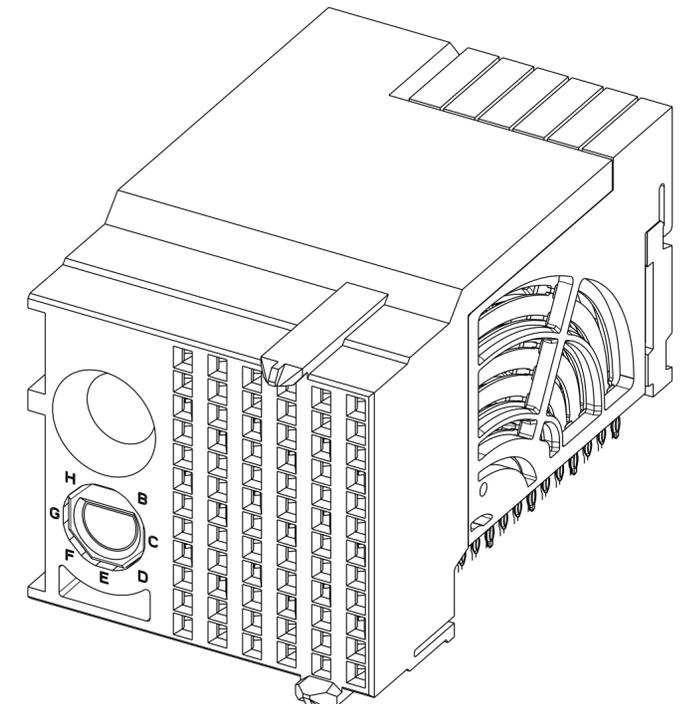
12 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

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

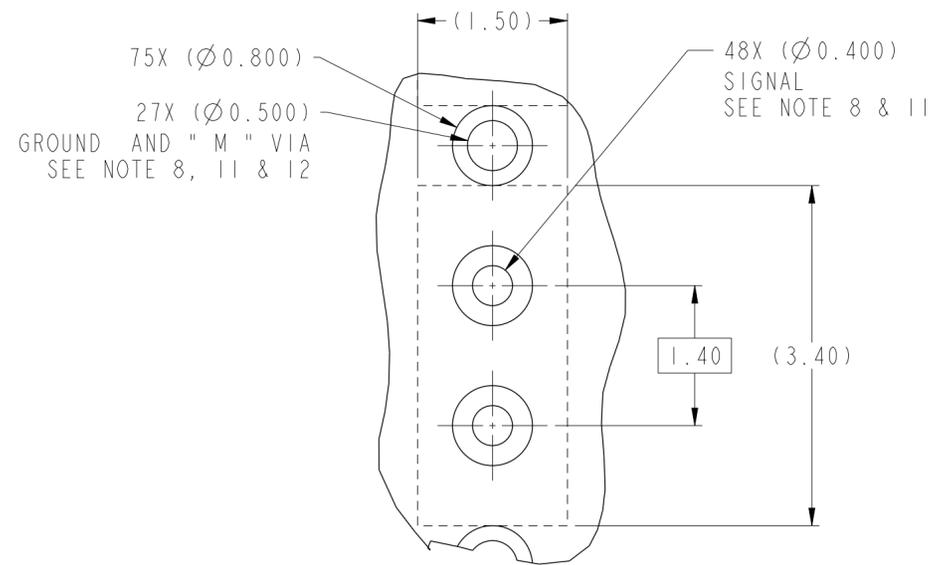
14 - CUSTOMER CAN FIX THE CONNECTOR WITH THREAD FORMING SCREW THROUGH THIS PTH. THE SCREW IS #2-32, THE VALID LENGTH OF SCREW IS 4.5MM PLUS THE THICKNESS OF PCB.



10135280-10ALF



10135280-10PLF



DETAIL A  
SCALE 20:1

**PRELIMINARY**

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tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			AirMax VS2			
surface	linear	0.X	±.3		title		AIRMAX VS2 R.A. RECEPTACLE	dwg no 10135280	rev 1	
		0.XX	±.15		ASS'Y, 4 PAIR, 72 POS, 6 IMLA, 20MM, W/GUIDE/KEY					
		0.XXX	±.050		cat. no.	-				
	angular	0°	±°	Product - Customer Drw		sheet 4 of 4				