

10135314 - 10X LF

LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES

SEE NOTE 2

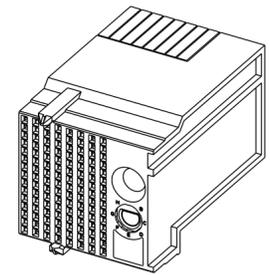
MODULE DESCRIPTION

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE MODULE

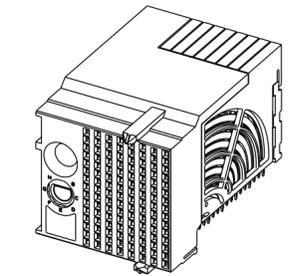
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)

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



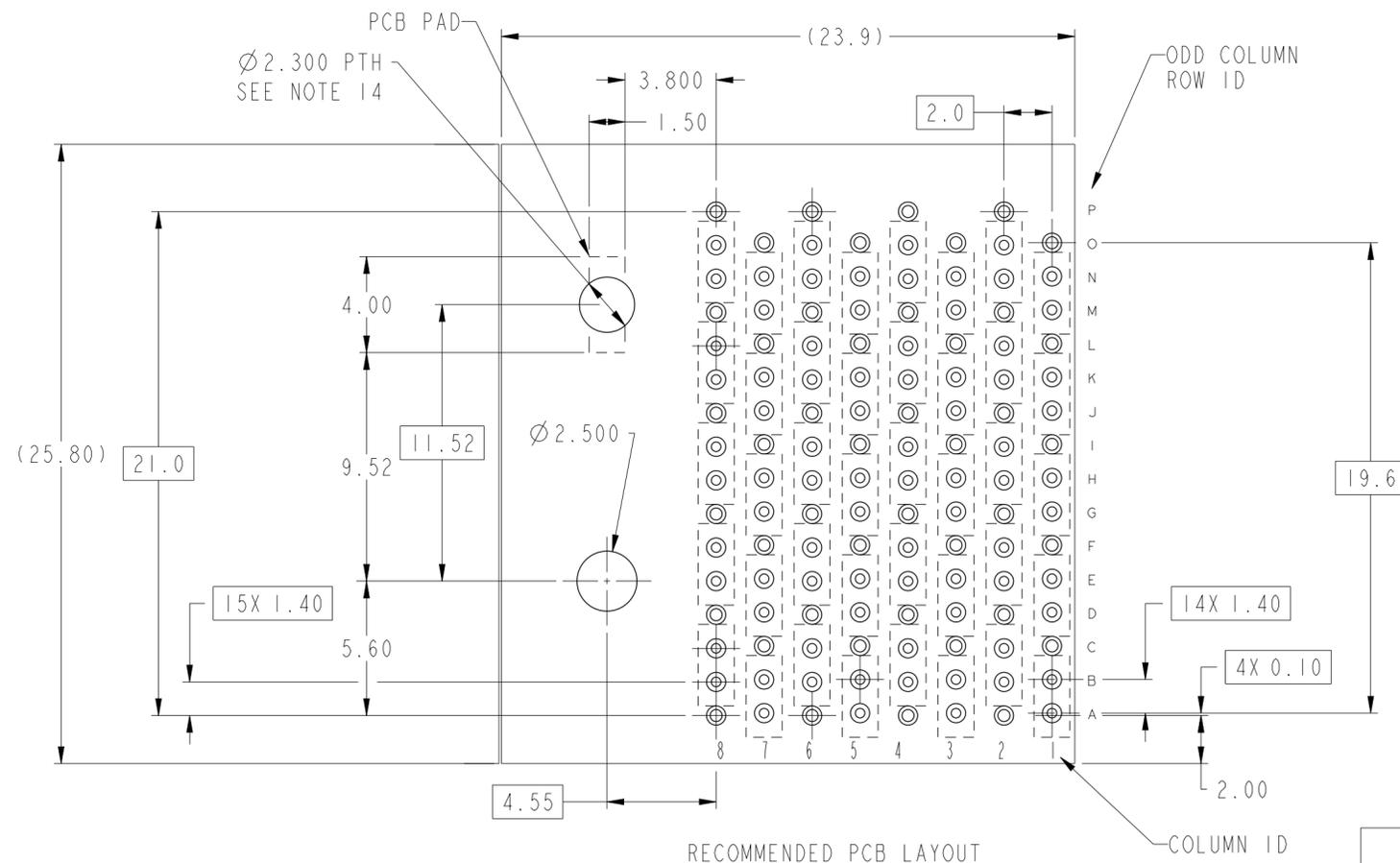
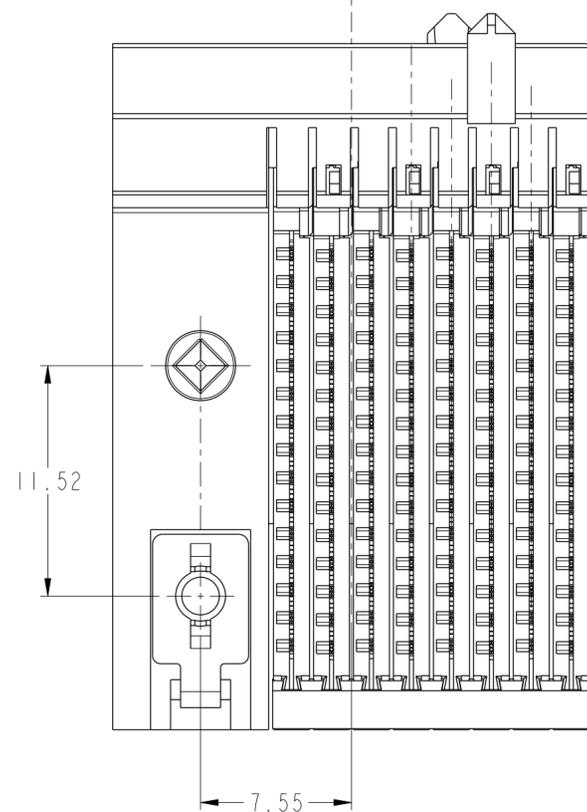
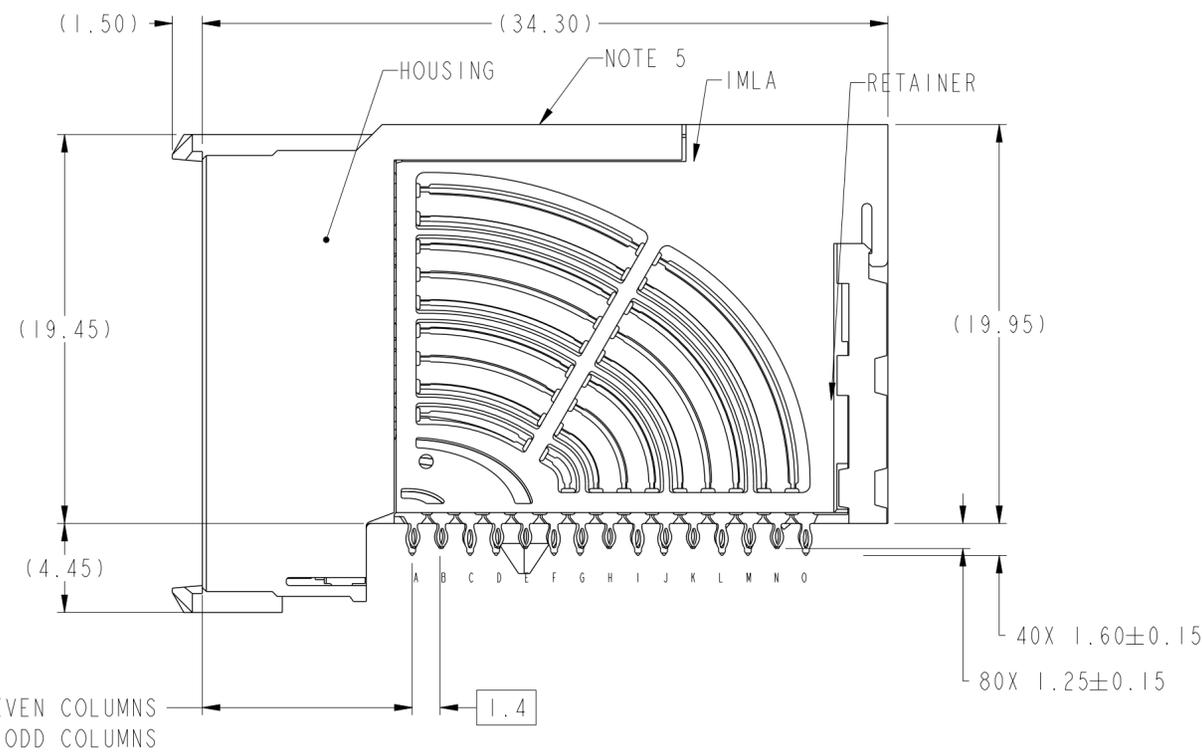
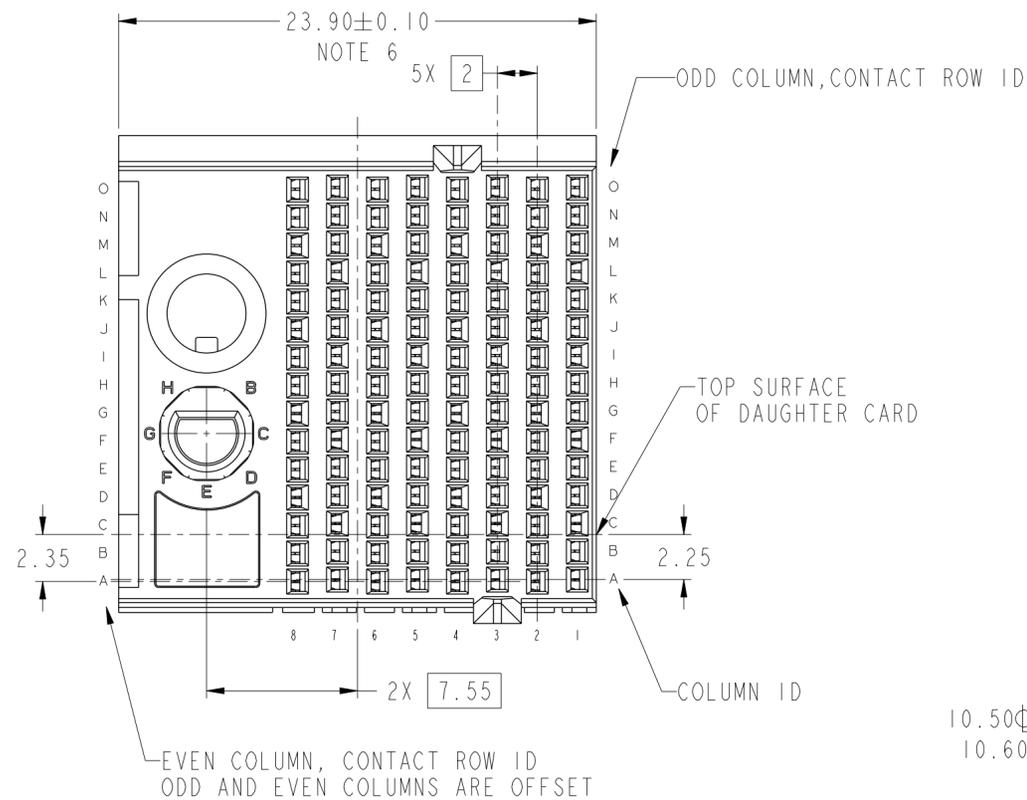
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 2)

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



PRELIMINARY

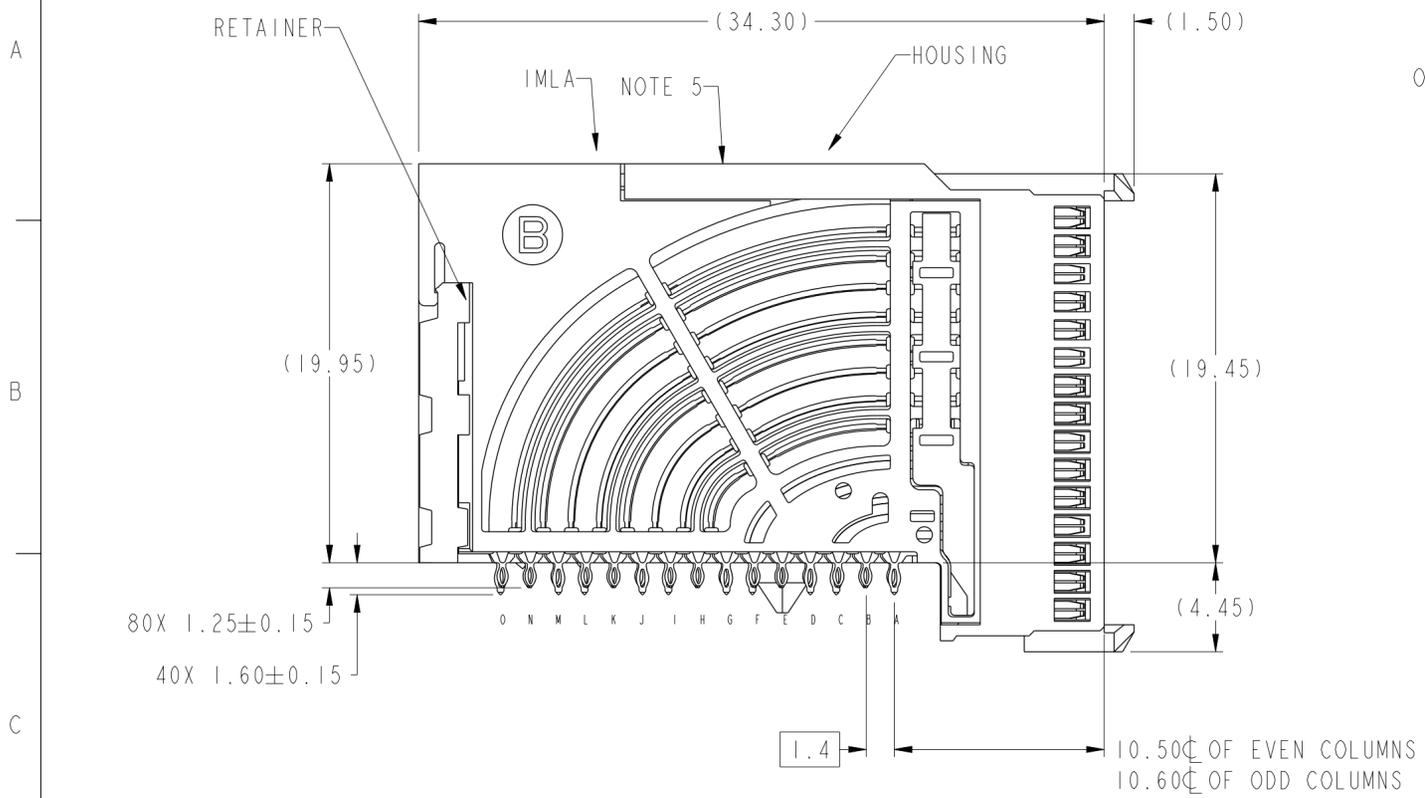
spec ref	---	dr	Jackie Chen	2015/05/25	projection	MM	size	A2	scale	8:1											
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14			ecn no	-	rel level	Preliminary											
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			AirMax VS2	div no	10135314	rev	1										
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.15		0.XXX	±.050	angular	0°	±°			AIRMAX VSe R.A. RECEPTACLE ASS'Y, 5 PAIR, 120 POS, 8 IMLA, 20MM, W/GUIDE/KEY		cat. no.	-	Product - Customer Drw	sheet 1 of 4
linear	0.X	±.3																			
	0.XX	±.15																			
	0.XXX	±.050																			
angular	0°	±°																			



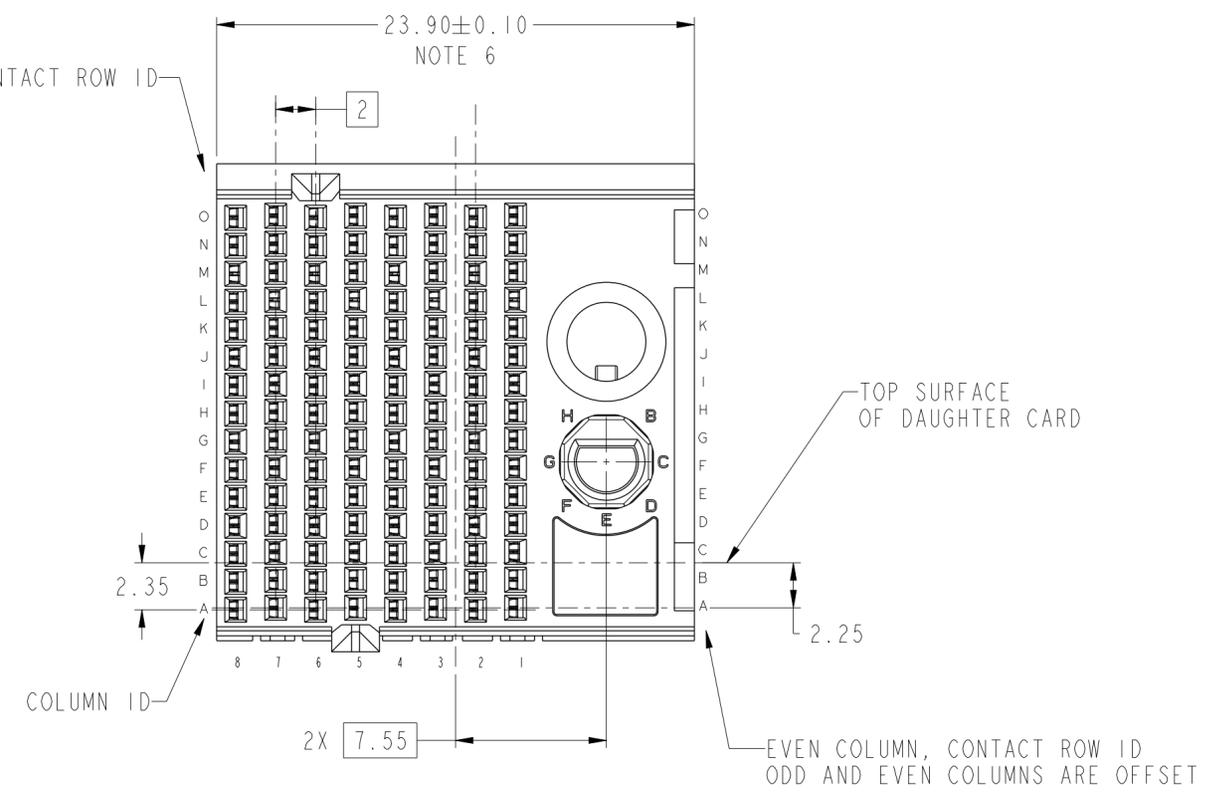
PRELIMINARY

spec ref	---	dr	Jackie Chen	2015/05/25	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app						
surface	-	linear	0.X	±.3	product family	AirMax VS2	dwg no	10135314	rev	1
			0.XX	±.15	Amphenol FCI	AIRMAX VSe R.A. RECEPTACLE	cat. no.	-	Product - Customer Drw	sheet 2 of 4
			0.XXX	±.050		ASS'Y, 5 PAIR, 120 POS, 8 IMLA, 20MM, W/GUIDE/KEY				
		angular	0°	±°						

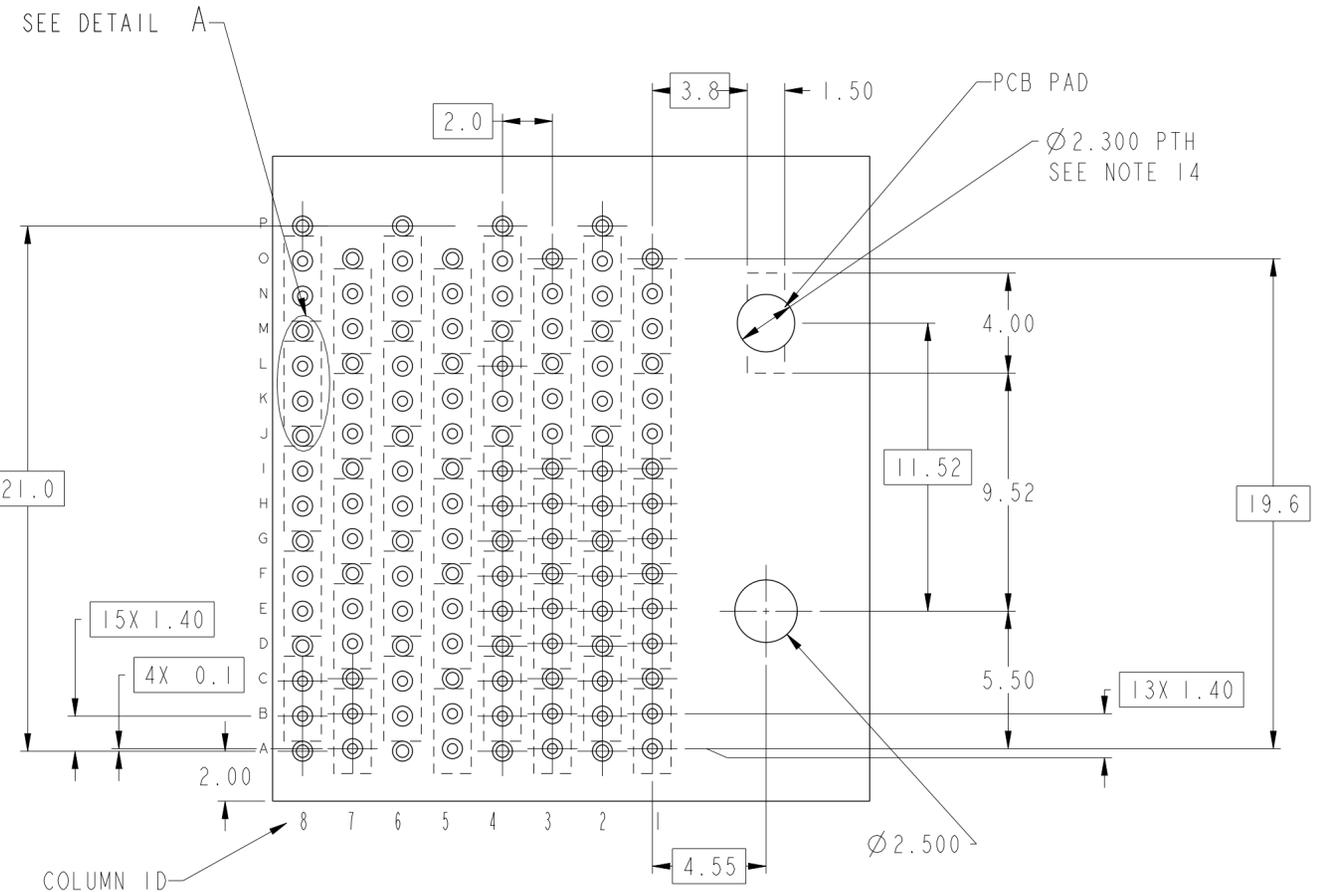
LEFT POLARIZATION WITH GUIDE



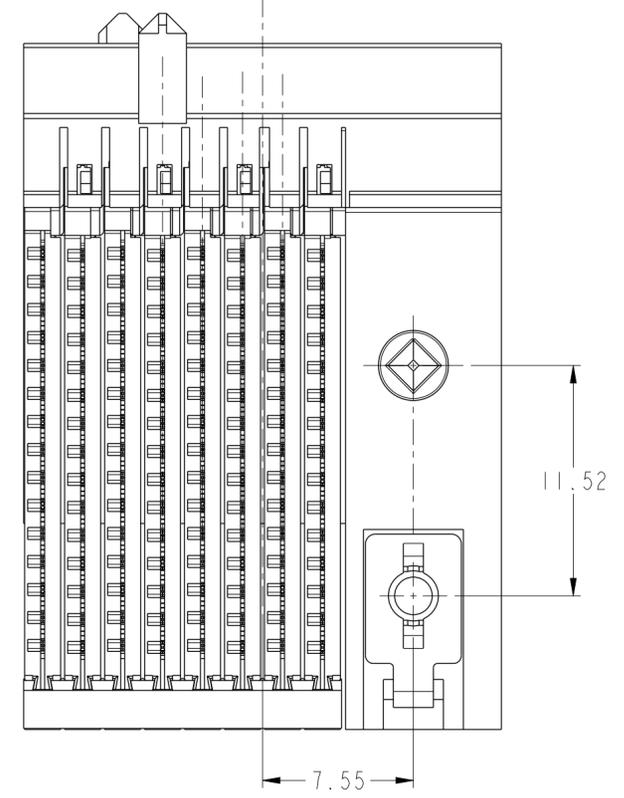
ODD COLUMN, CONTACT ROW ID



Amphenol
FCI



RECOMMENDED PCB LAYOUT



PRELIMINARY

spec ref	---	dr	Jackie Chen	2015/05/25	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	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 VSe R.A. RECEPTACLE	div no	10135314	rev	1
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 3 of 4			

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135314-10*LF	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 24.0 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

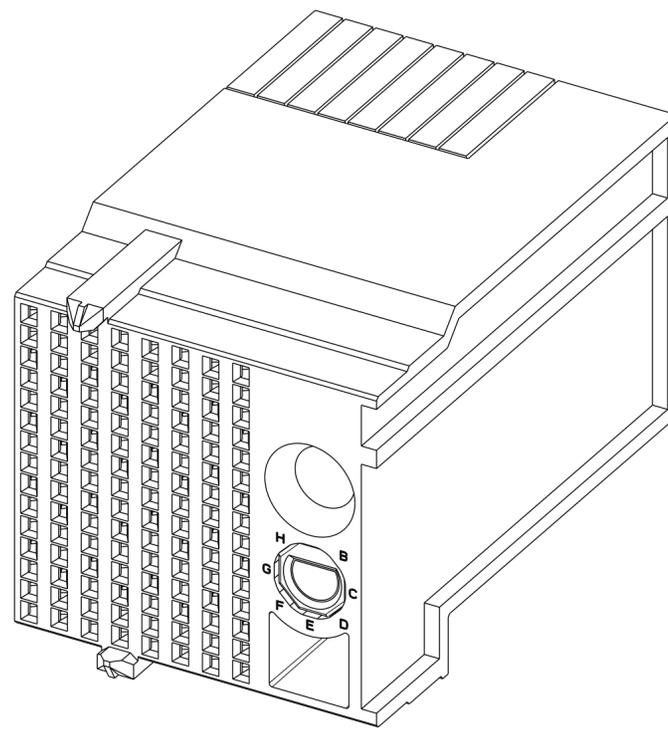
- 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

- 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.

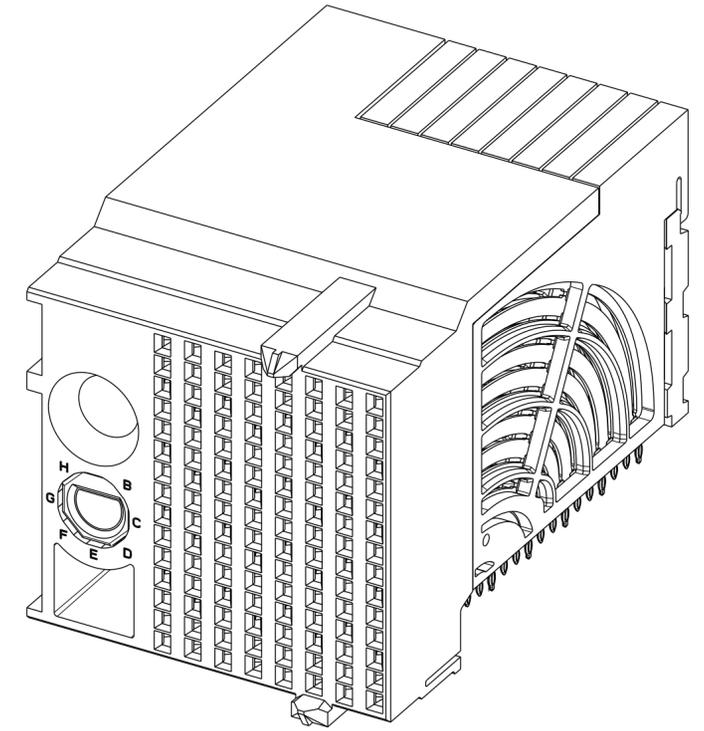
- 12 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

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

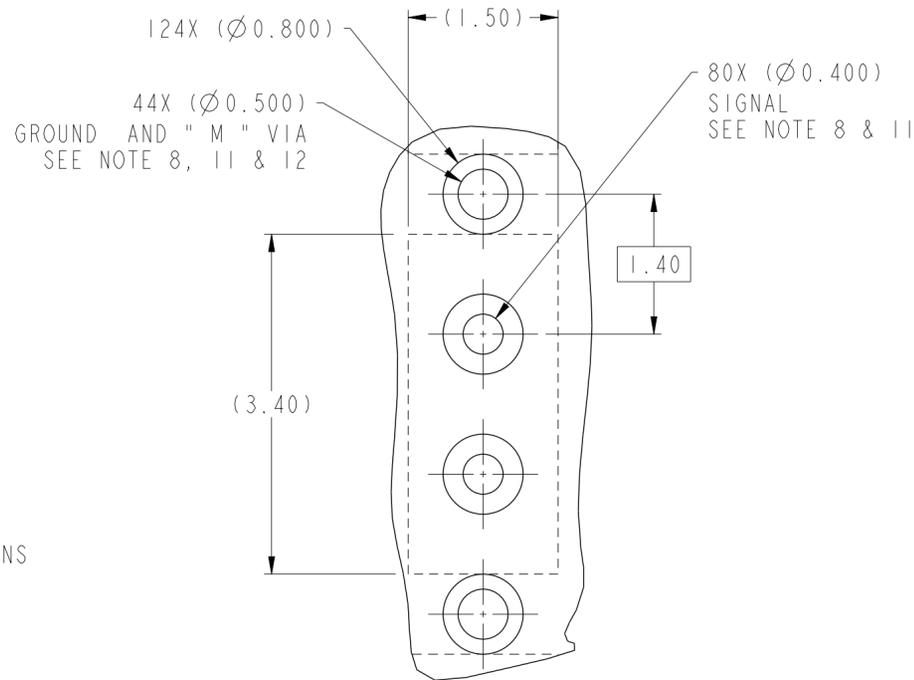
- 14 - CUSTOMER CAN FIX THE CONNECTOR WITH THREAD FORMING SCREW THROUGH THIS PTH. THE SCREW IS #2-32, THE VALID LENGTH OF SCREW IS 4.5MM PLUS THE THICKNESS OF PCB.



10135314-10ALF



10135314-10PLF



DETAIL A
SCALE 20:1

PRELIMINARY

spec ref	---	dr	Jackie Chen	2015/05/25	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			AirMax VS2			
surface	-	appr	-	title		AIRMAX VSe R.A. RECEPTACLE	dwg no	10135314	rev	1
	linear	0.X	±.3	cat. no.		-	Product - Customer Drw		sheet 4 of 4	
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±°							