

10135293 - 10X LF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

SEE NOTE 2

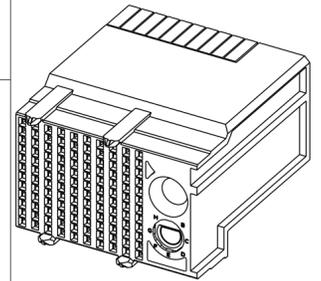
MODULE
DESCRIPTION

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE
MODULE

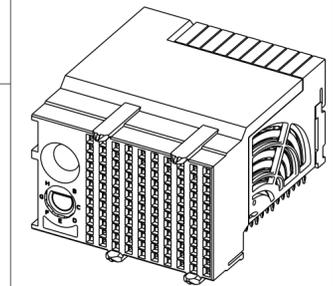
LEFT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 3)

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									



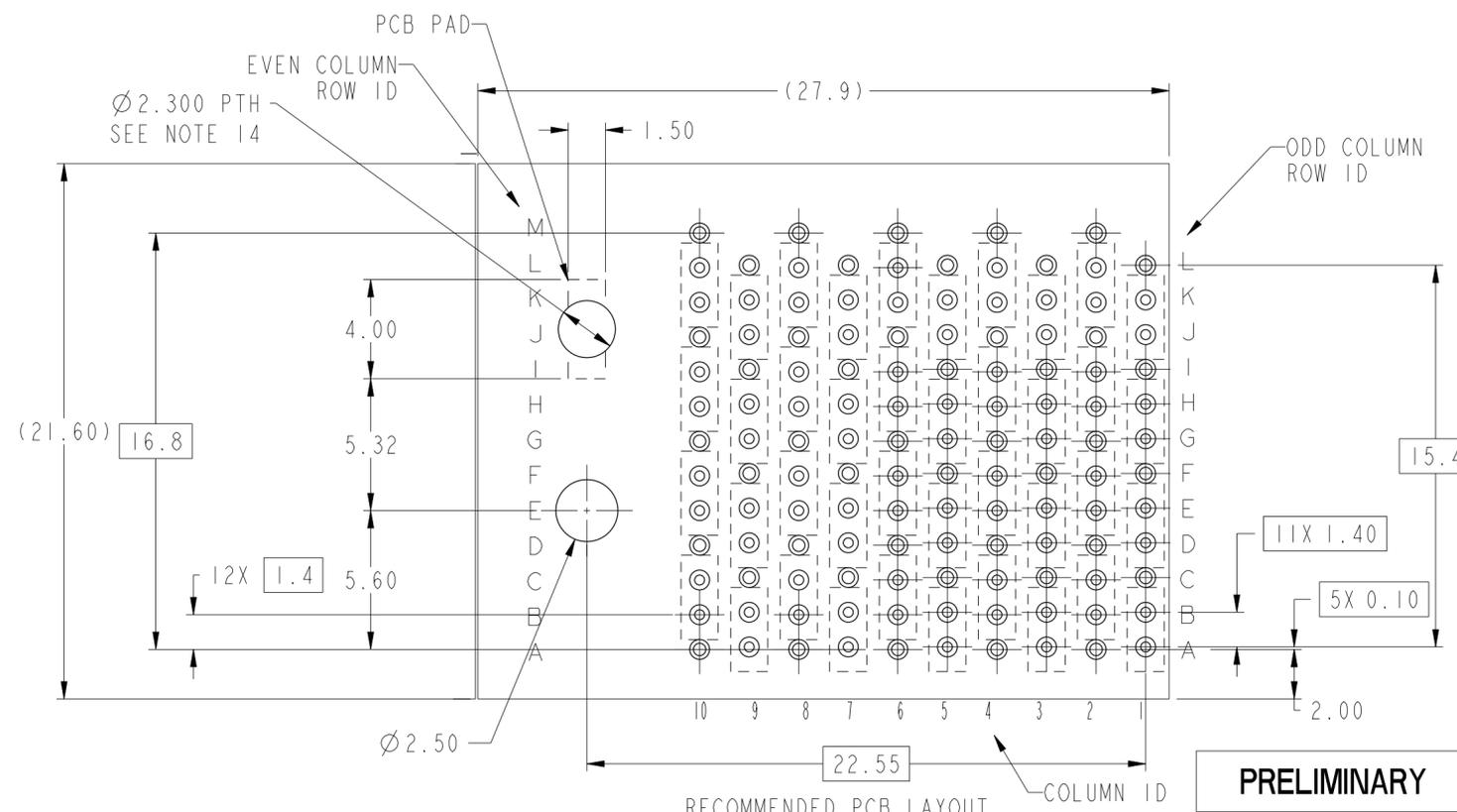
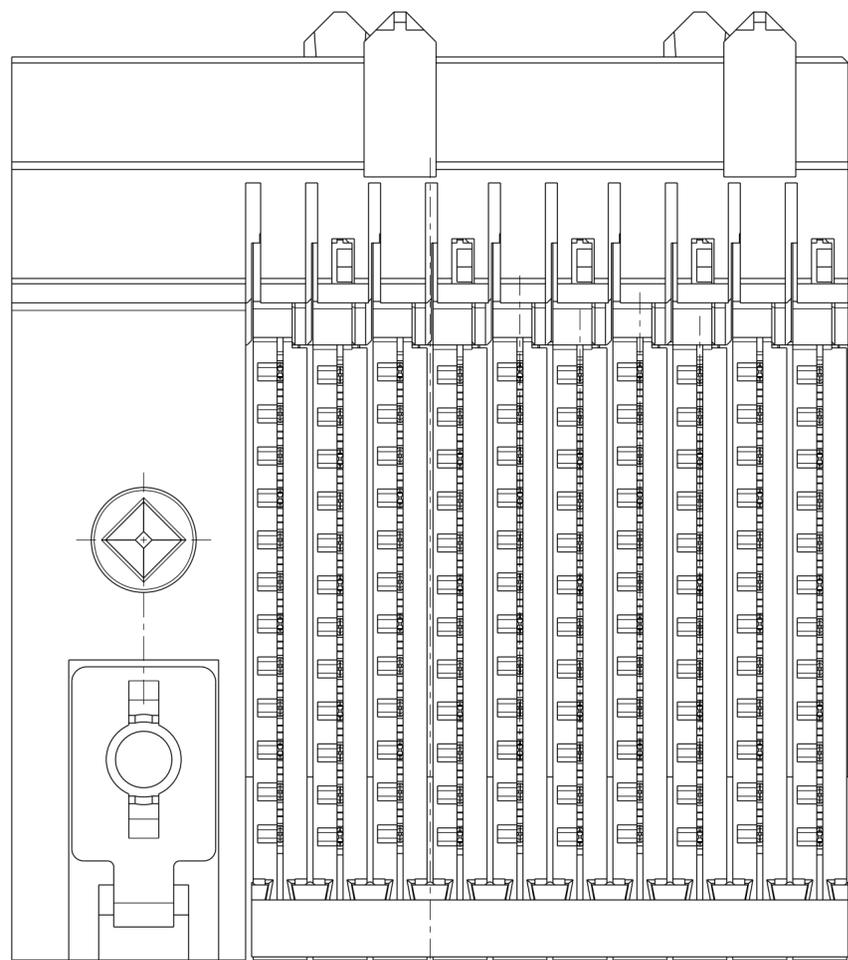
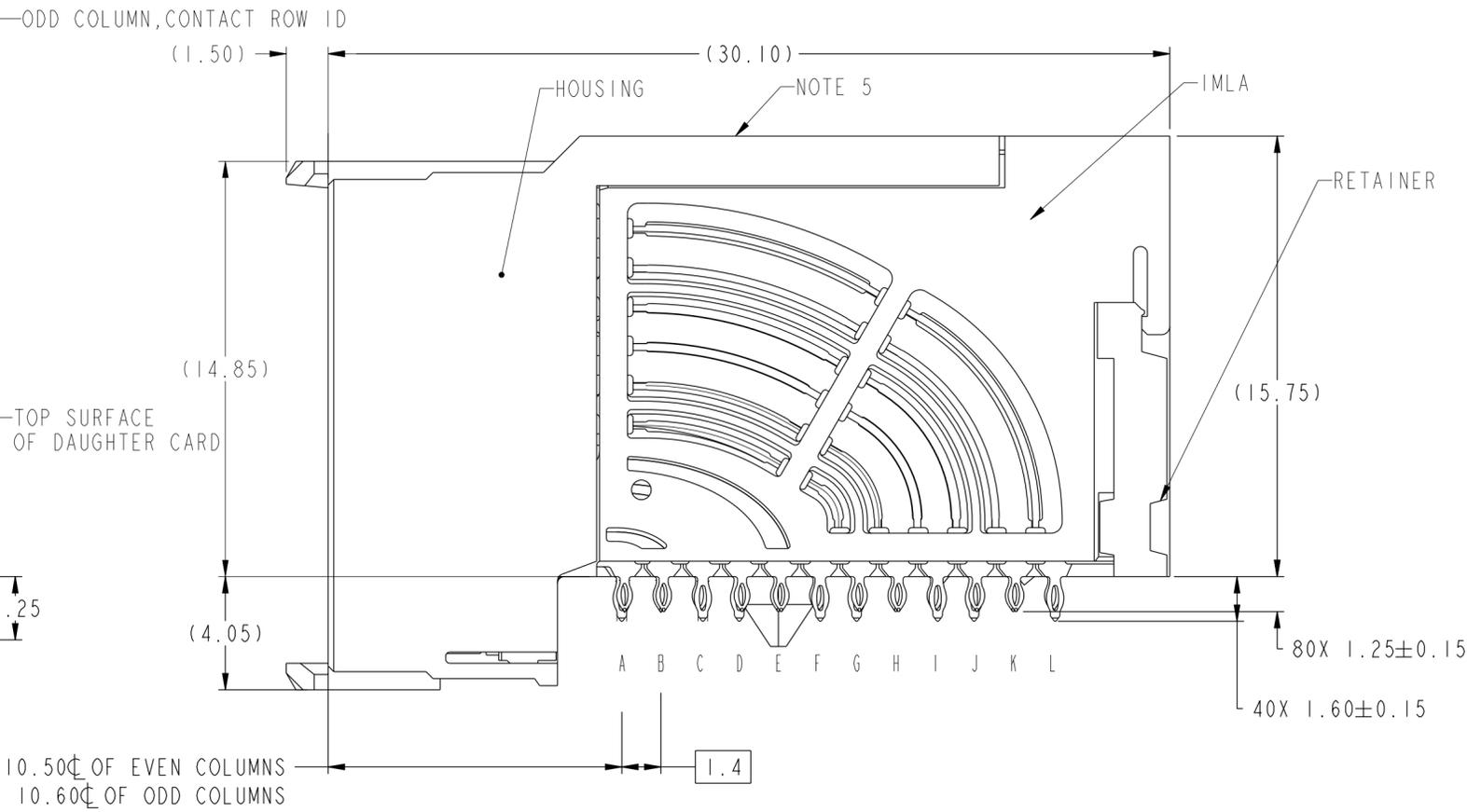
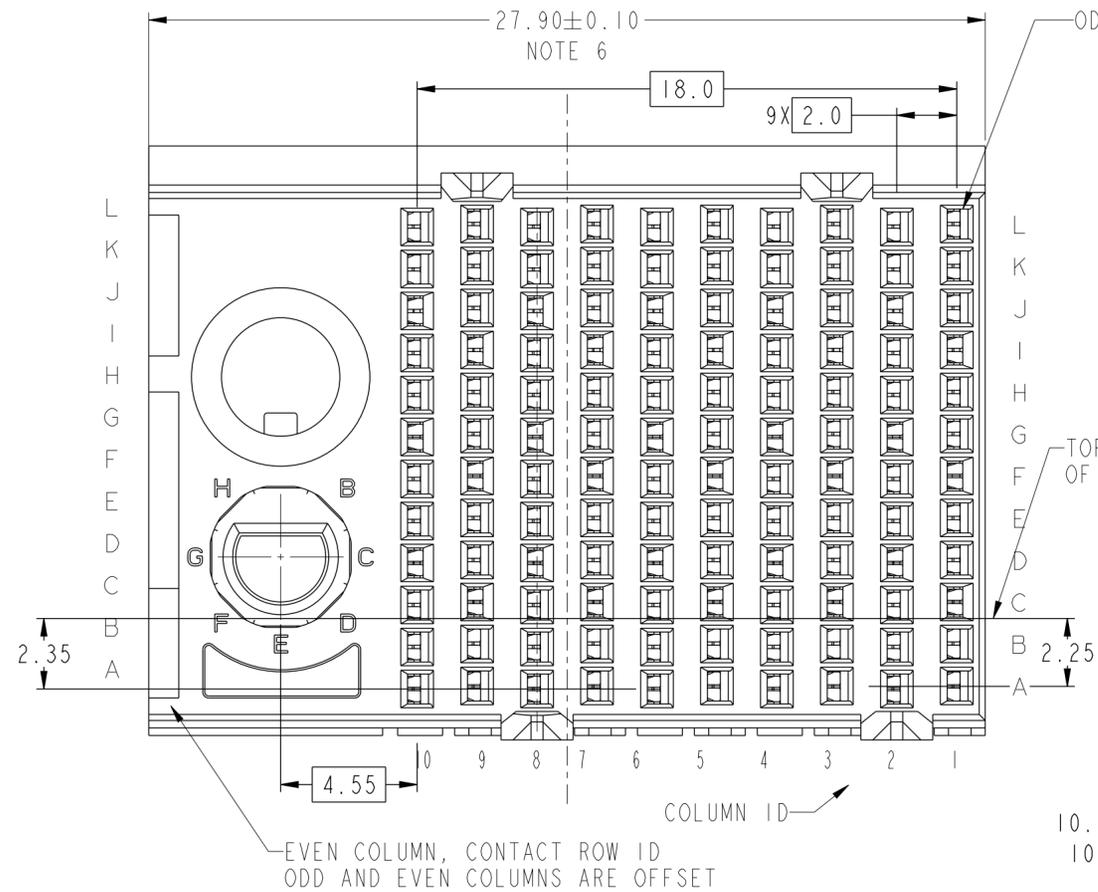
NOT TOOLED
PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/05/26	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
tolerances unless otherwise specified	TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	product family	AirMax VS2	rel level	Preliminary	cat. no.	-
surface	linear	0.X ±.3	0.XX ±.15	0.XXX ±.050	angular	0° ±°	title	AIRMAX VSe R.A. RECEPTACLE	cat. no.	10135293
							rev	1	Product - Customer Drw	sheet 1 of 4

Amphenol
FCi

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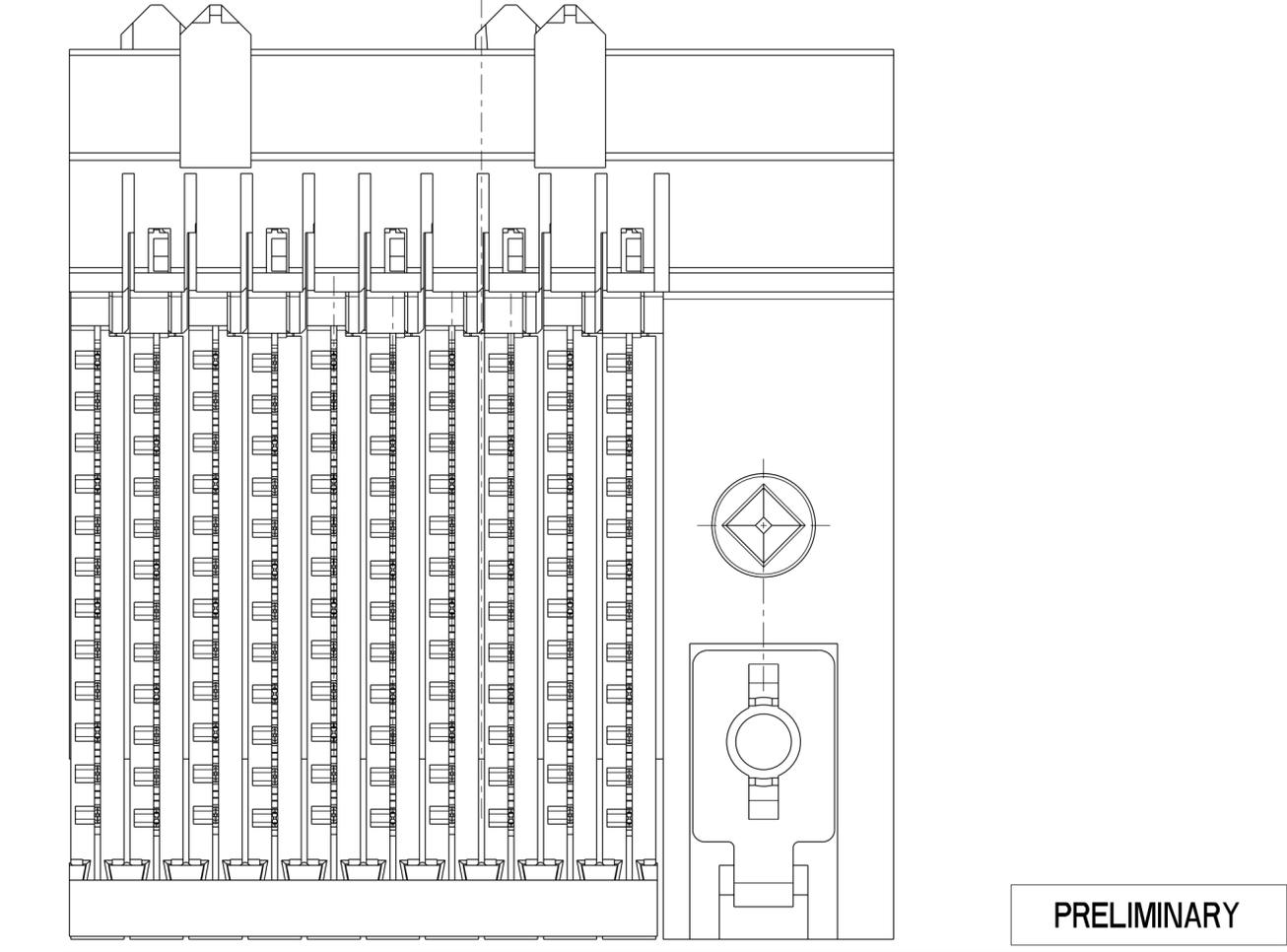
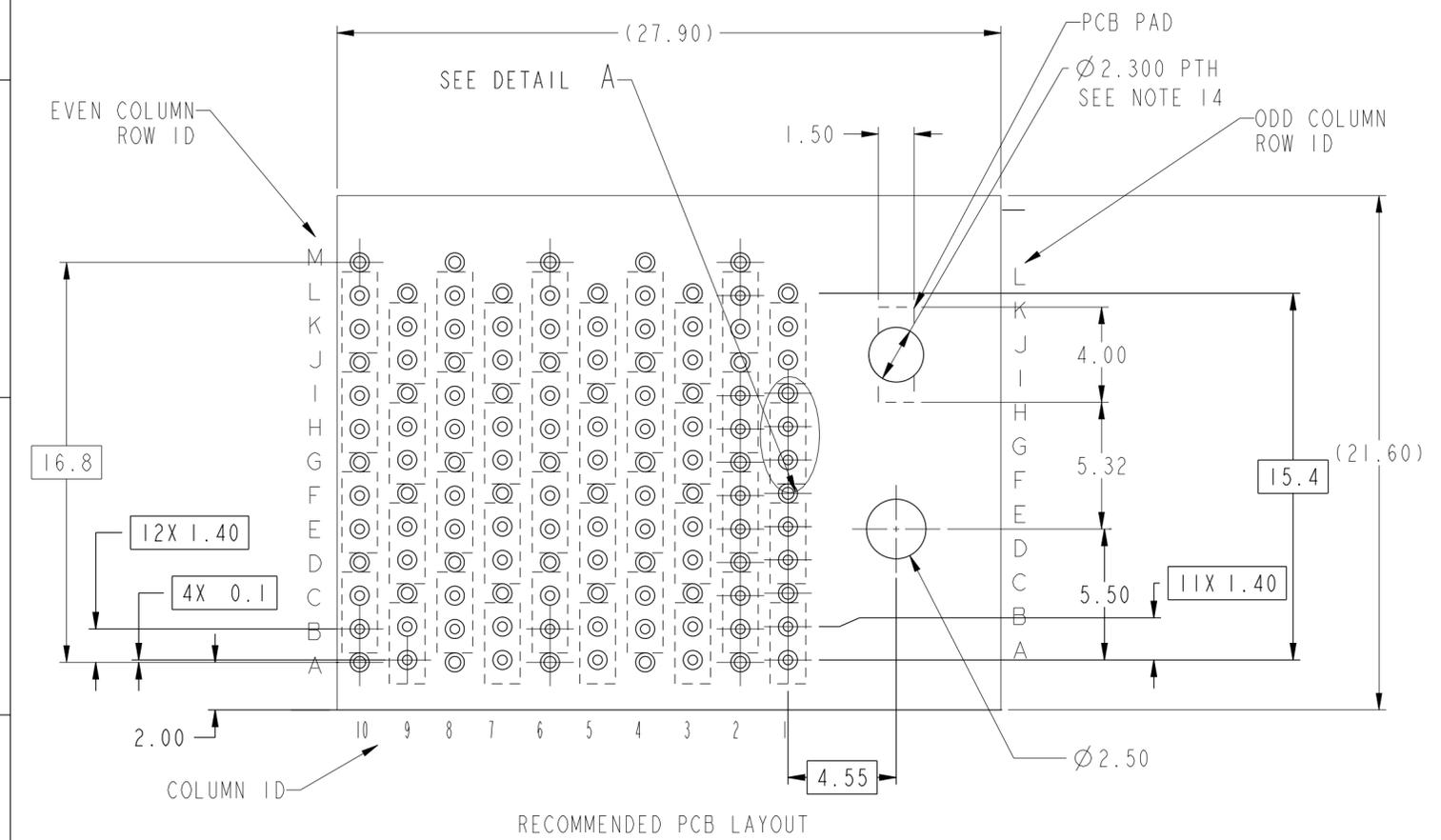
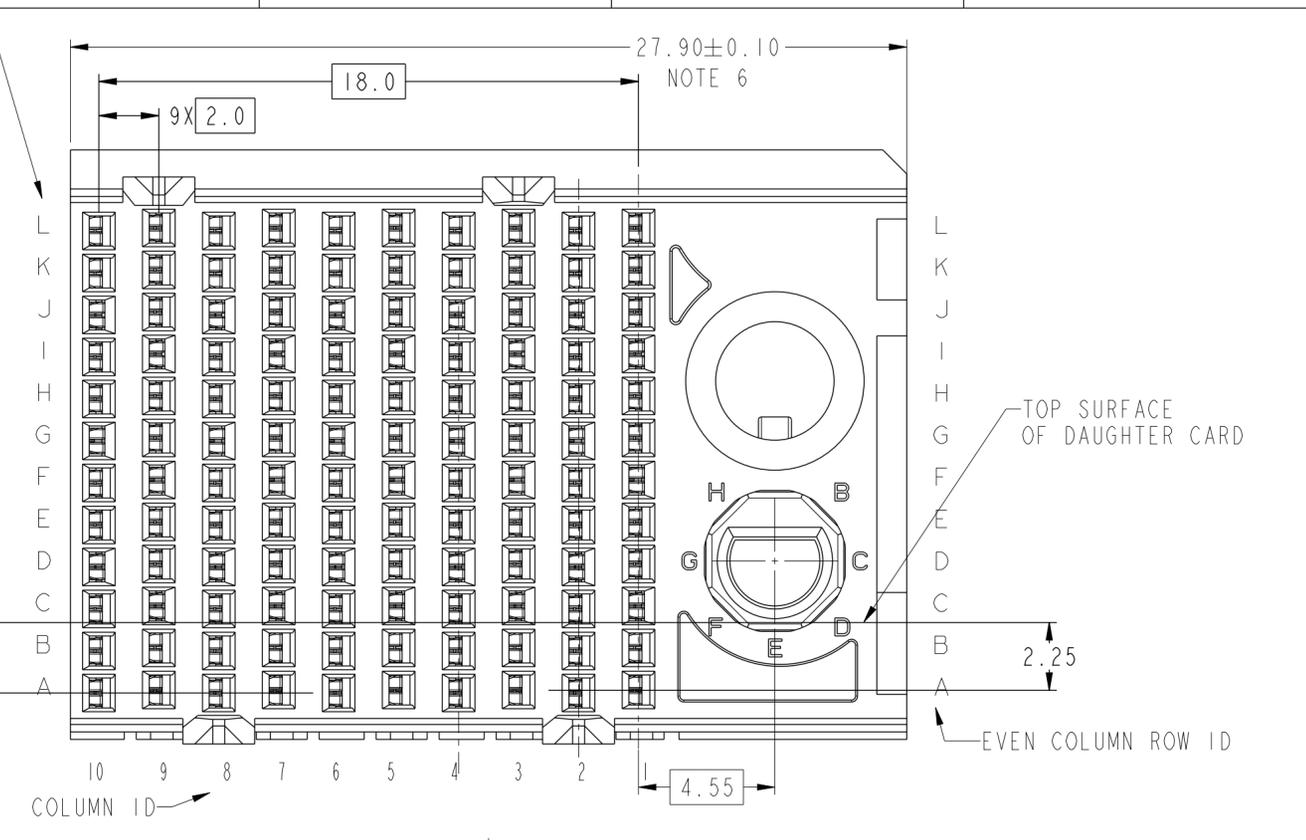
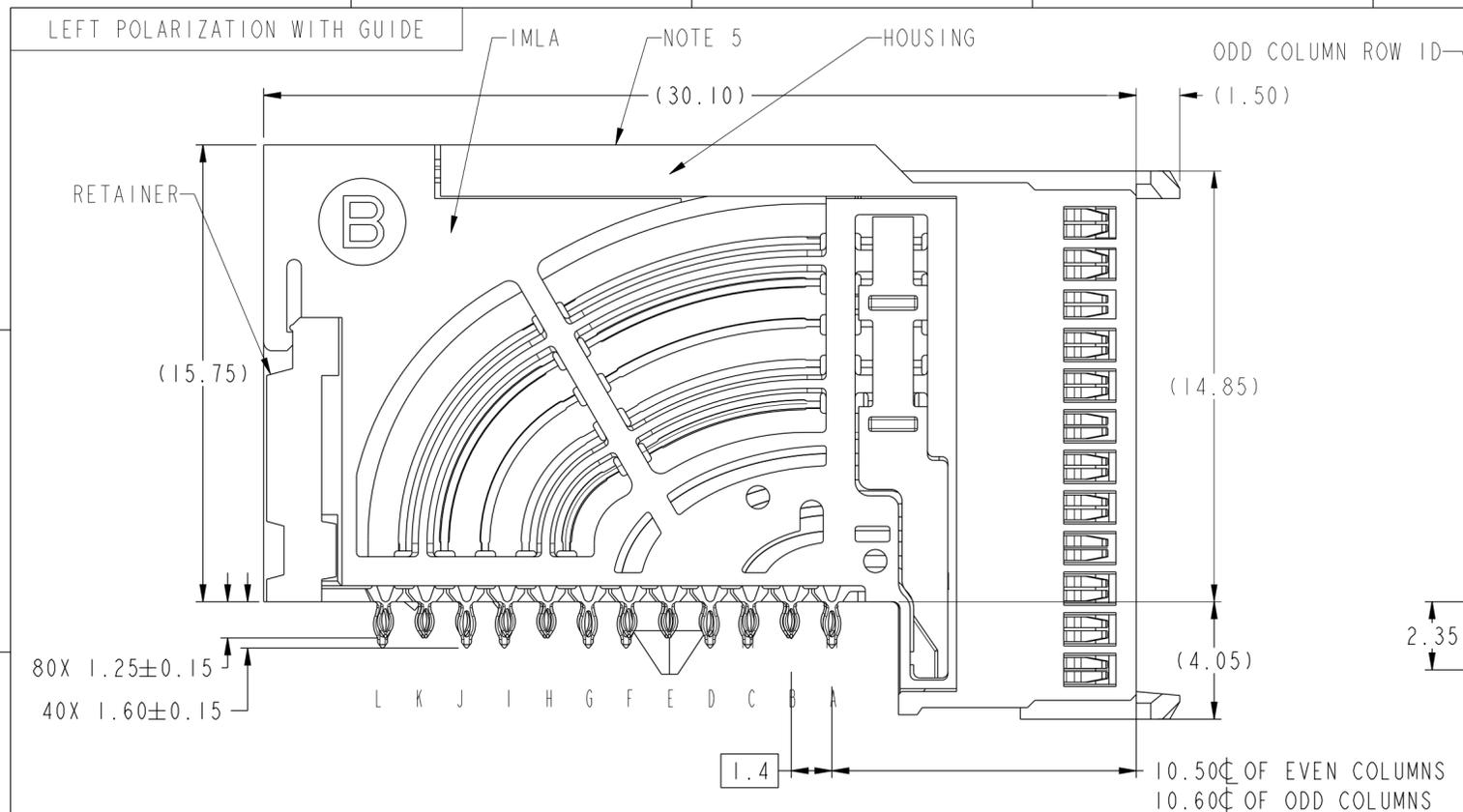
RIGHT POLARIZATION WITH GUIDE



spec ref	---	dr	Tao Zhan	2015/05/26	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AirMax VS2	part no	10135293	rev	1
							cat. no.	Product - Customer Drw	sheet	2 of 4

Amphenol FCI

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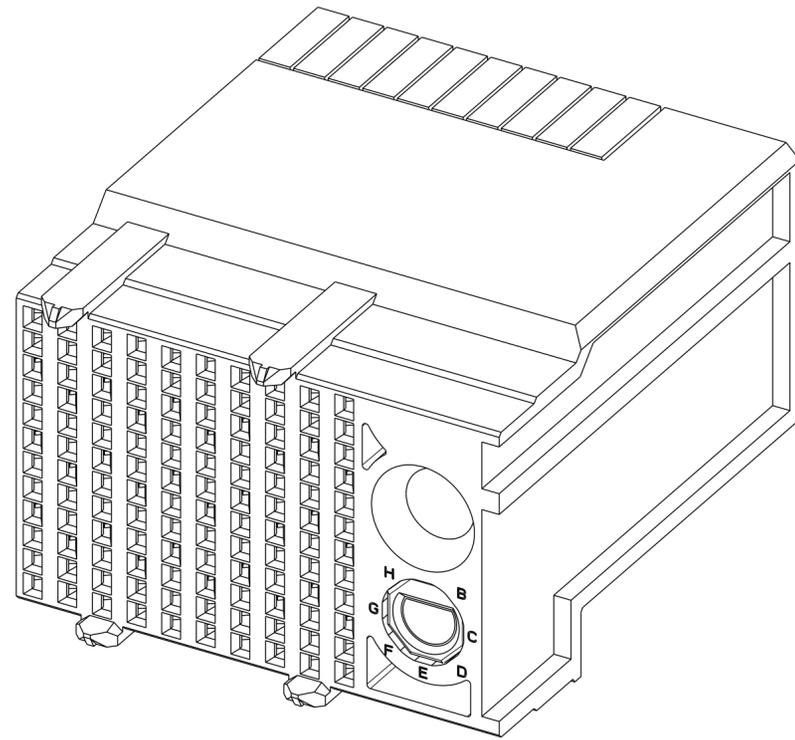
PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/05/26	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AIRMAX VS2	title	AIRMAX VSe R.A. RECEPTACLE ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM, W/GUIDE/KEY		
	linear	0.X	±.3	Amphenol FCI	cat. no.	-	dwg no	10135293		
		0.XX	±.15		Product - Customer Drw	sheet 3 of 4	rev	1		
	angular	0°	±°							

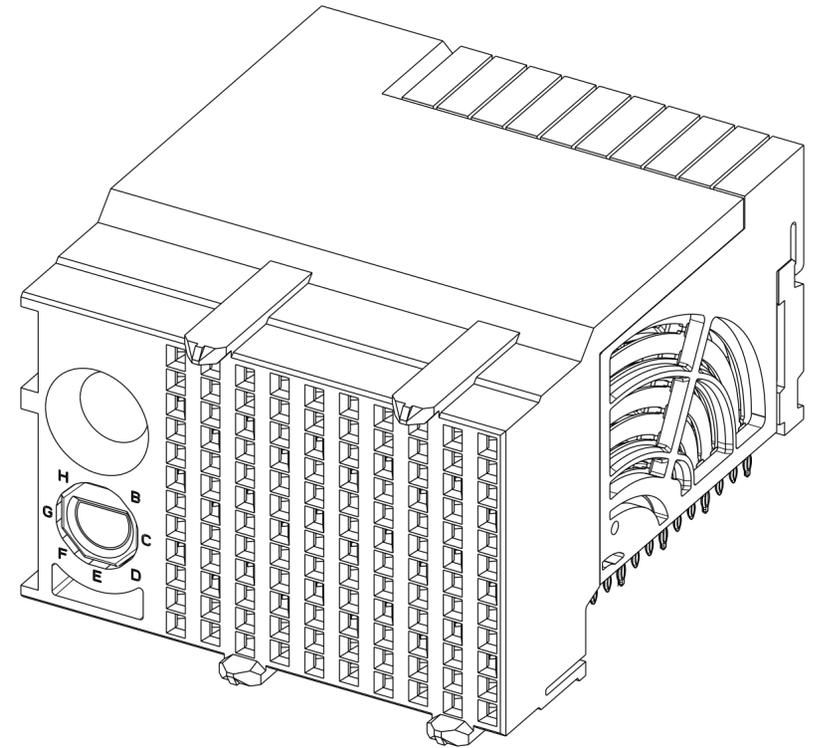
Amphenol FCI

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135293-10*LF	TIN OVER NICKEL (LEAD FREE)



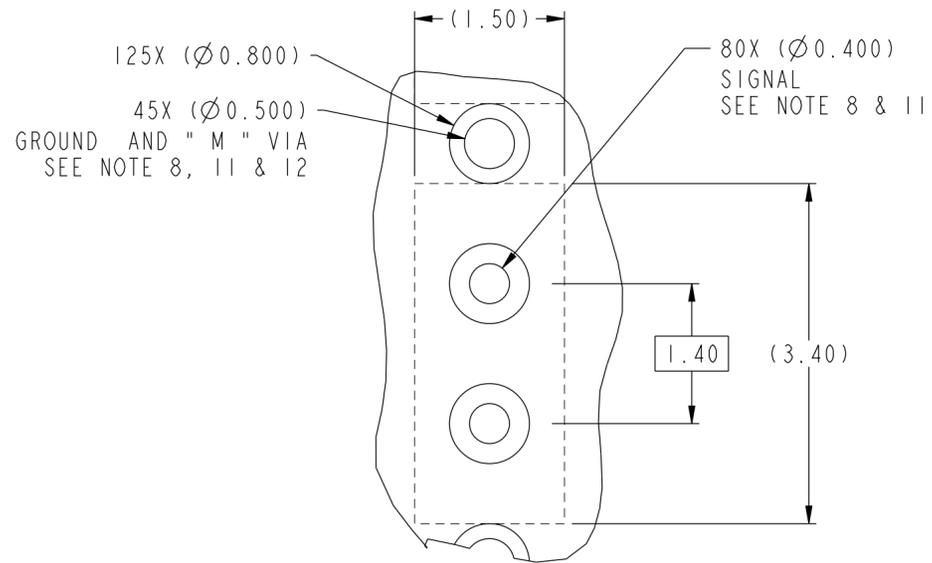
10135293-10ALF



10135293-10PLF

- 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 28.0 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 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.



DETAIL A
SCALE 20:1

PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/05/26	projection	MM	size	A2	scale	6:1										
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	<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°	±°	Amphenol FCI	AIRMAX VSe R.A. RECEPTACLE ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM, W/GUIDE/KEY		cat. no.	-	Product - Customer Drw	sheet 4 of 4
linear	0.X	±.3																		
	0.XX	±.15																		
	0.XXX	±.050																		
angular	0°	±°																		
							rev	10135293	1											