

10135308 - 10X LF

LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES

SEE NOTE 2

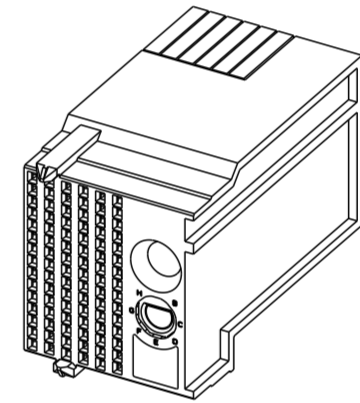
MODULE DESCRIPTION

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE MODULE

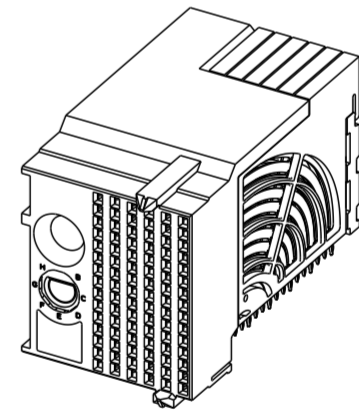
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)

<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)

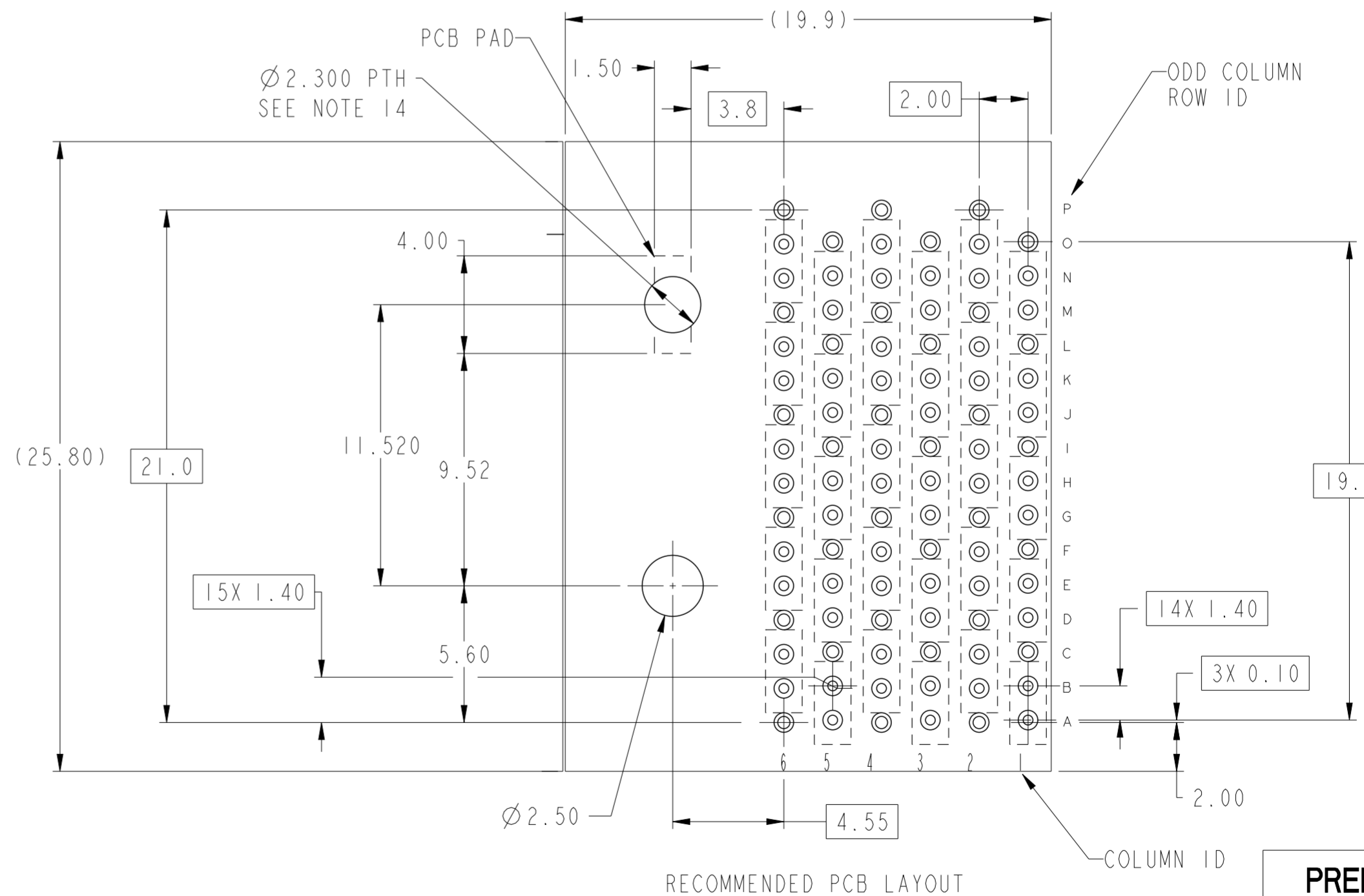
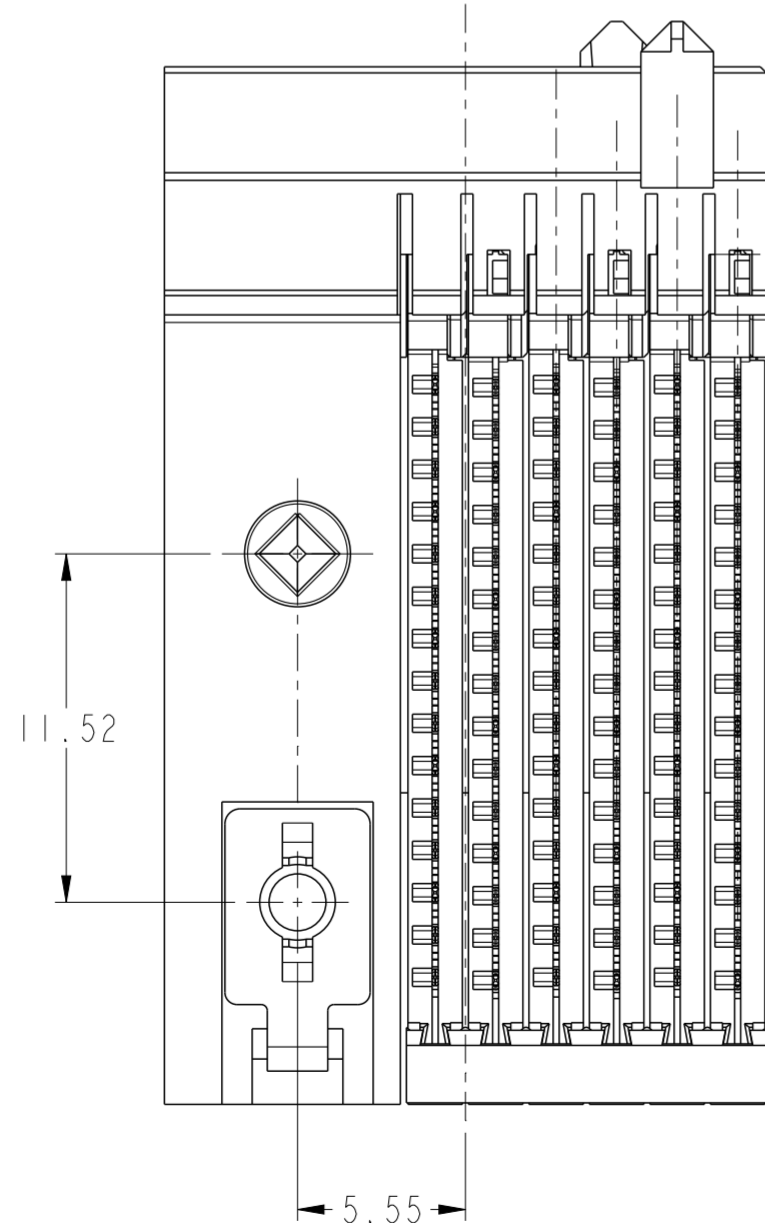
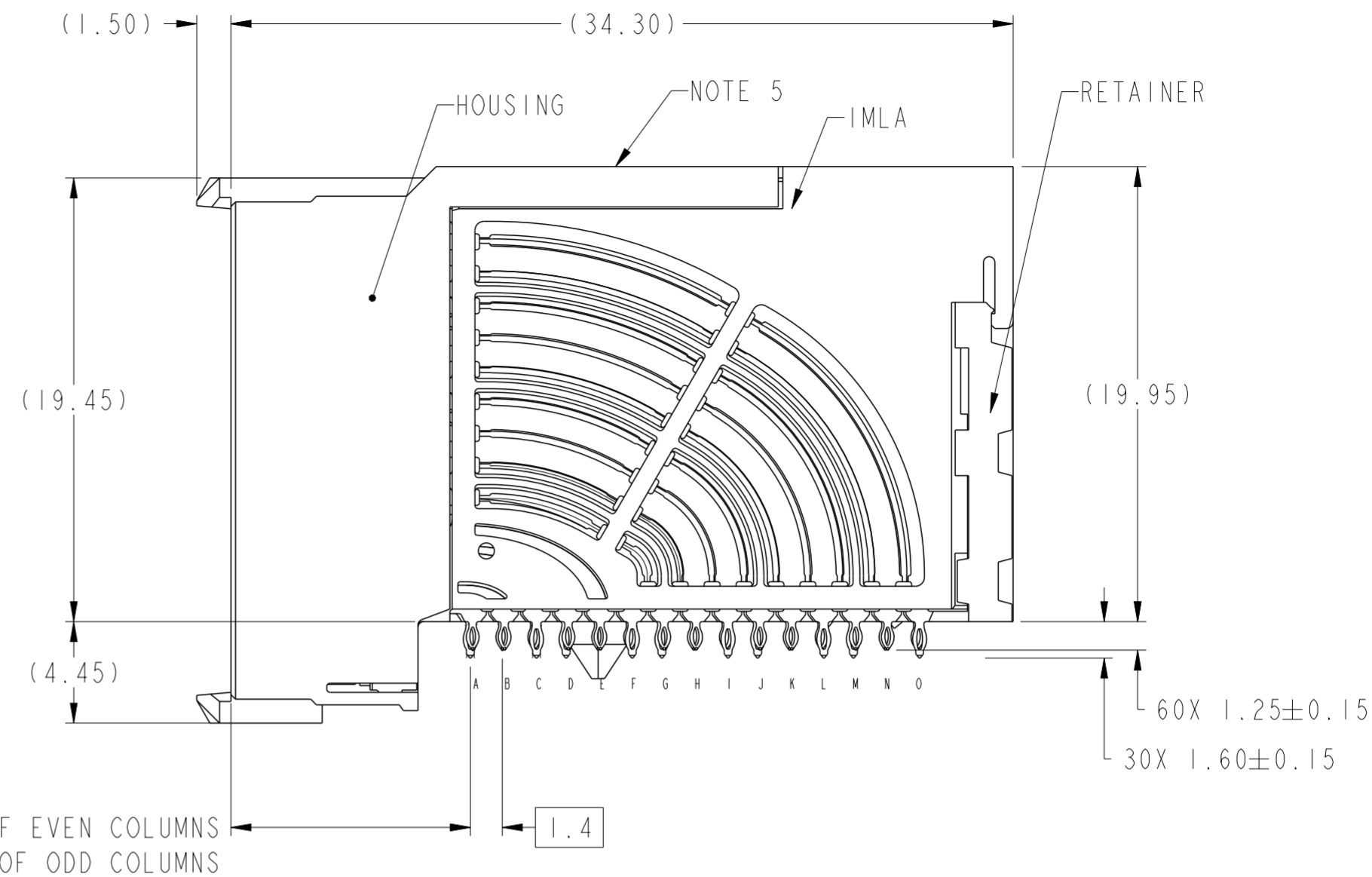
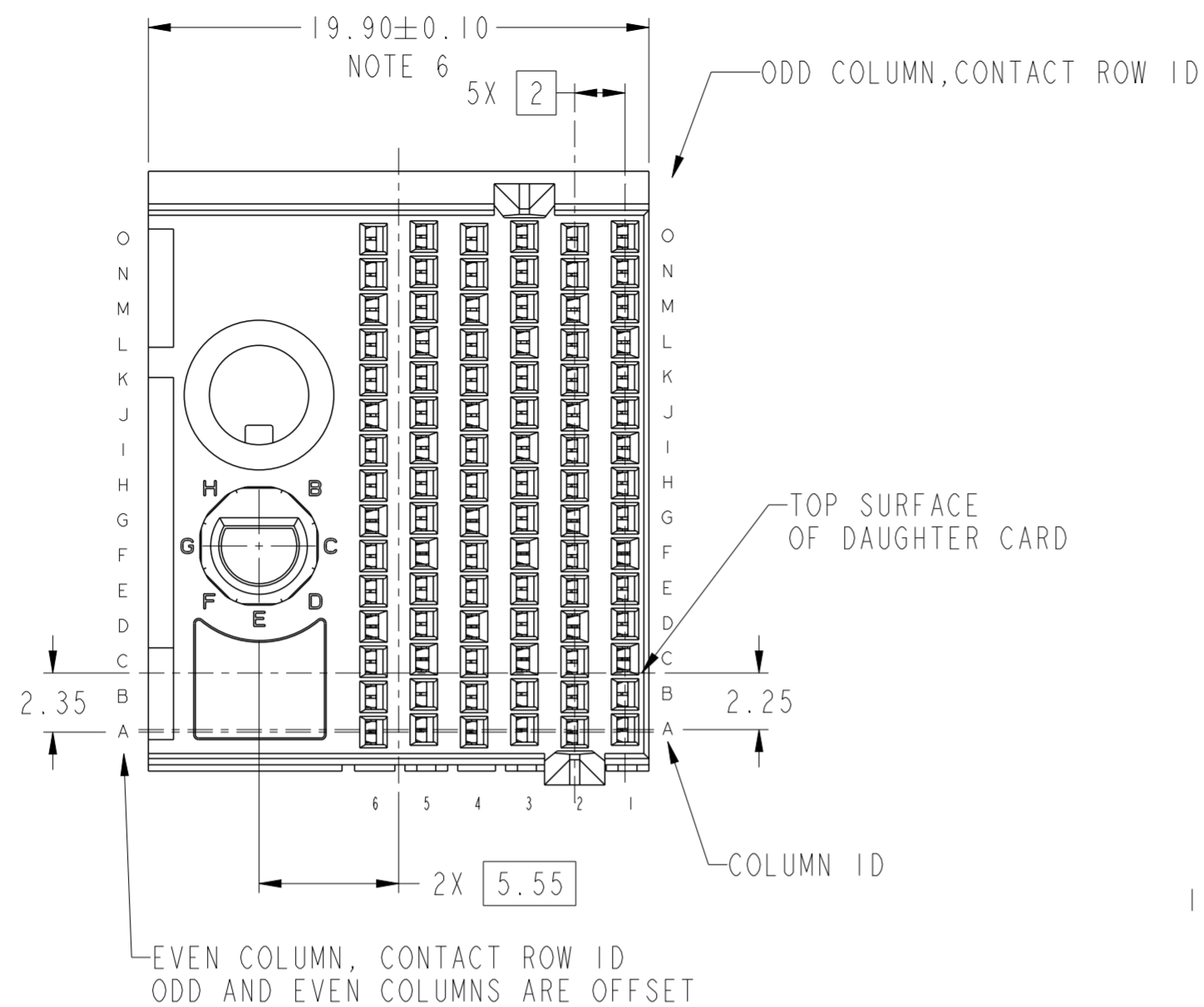
<b>Z</b>	<b>Y</b> (NO KEY)	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>	<b>W</b>
NO KEY NO GUIDE PIN									



NOT TOOLED  
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	rel level	Preliminary										
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	<b>title</b> AIRMAX VSe R.A. RECEPTACLE ASS'Y, 5 PAIR, 90 POS, 6 IMLA, 20MM, W/GUIDE/KEY		<b>cat. no.</b> -	<b>div no</b> 10135308	<b>rev</b> 1
linear	0.X	±.3																	
	0.XX	±.15																	
	0.XXX	±.050																	
angular	0°	±°																	
Product - Customer Drw						sheet 1 of 4													

RIGHT POLARIZATION WITH GUIDE



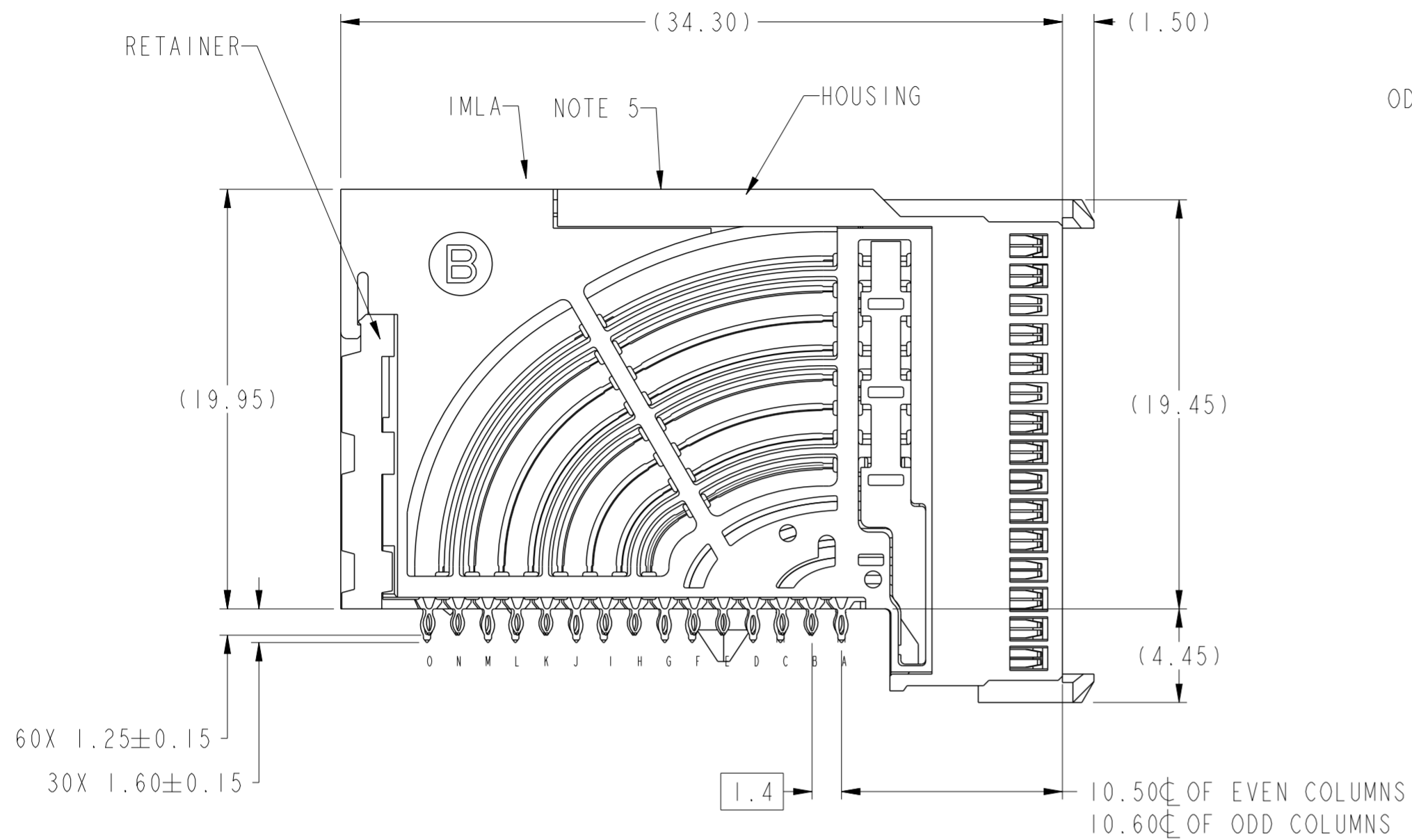
PRELIMINARY

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	product family	AirMax VS2	ecn no	-	rel level	Preliminary
surface	linear	0.X	±.3	Amphenol FCi	title	AIRMAX VSe R.A. RECEPTACLE ASS'Y, 5 PAIR, 90 POS, 6 IMLA, 20MM, W/GUIDE/KEY	drawing no	10135308	rev	1
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 2 of 4			

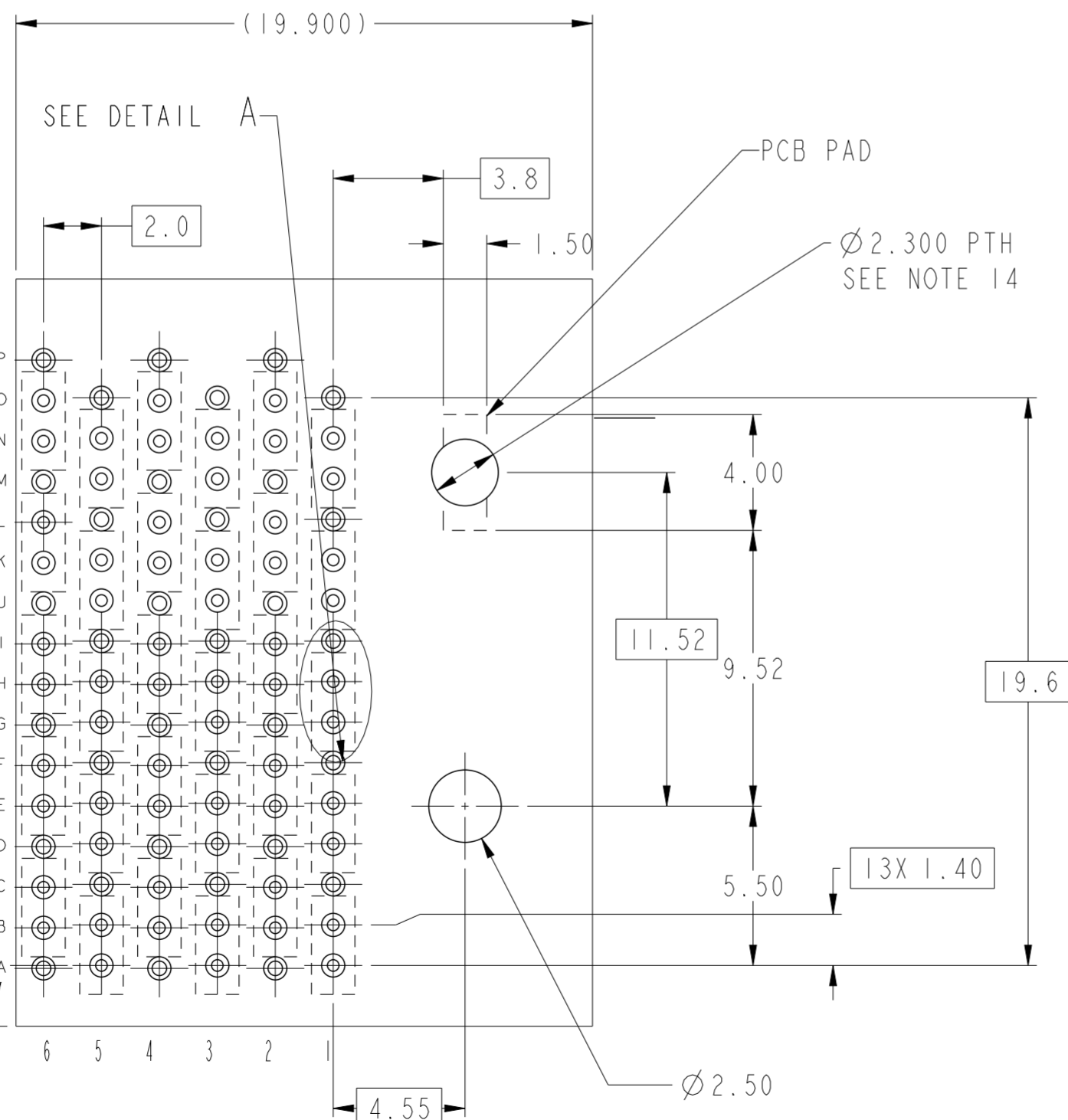
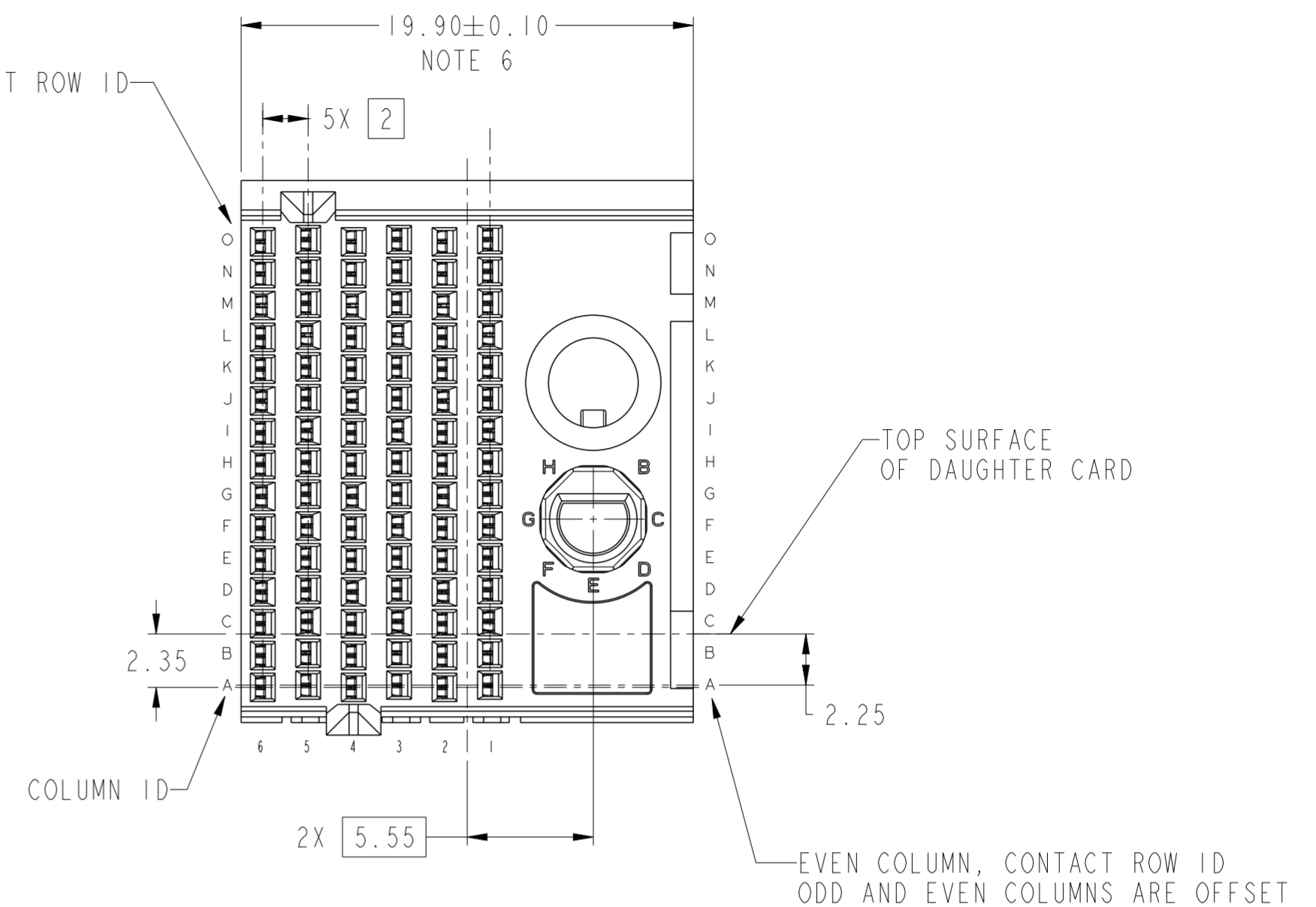
Amphenol  
FCi

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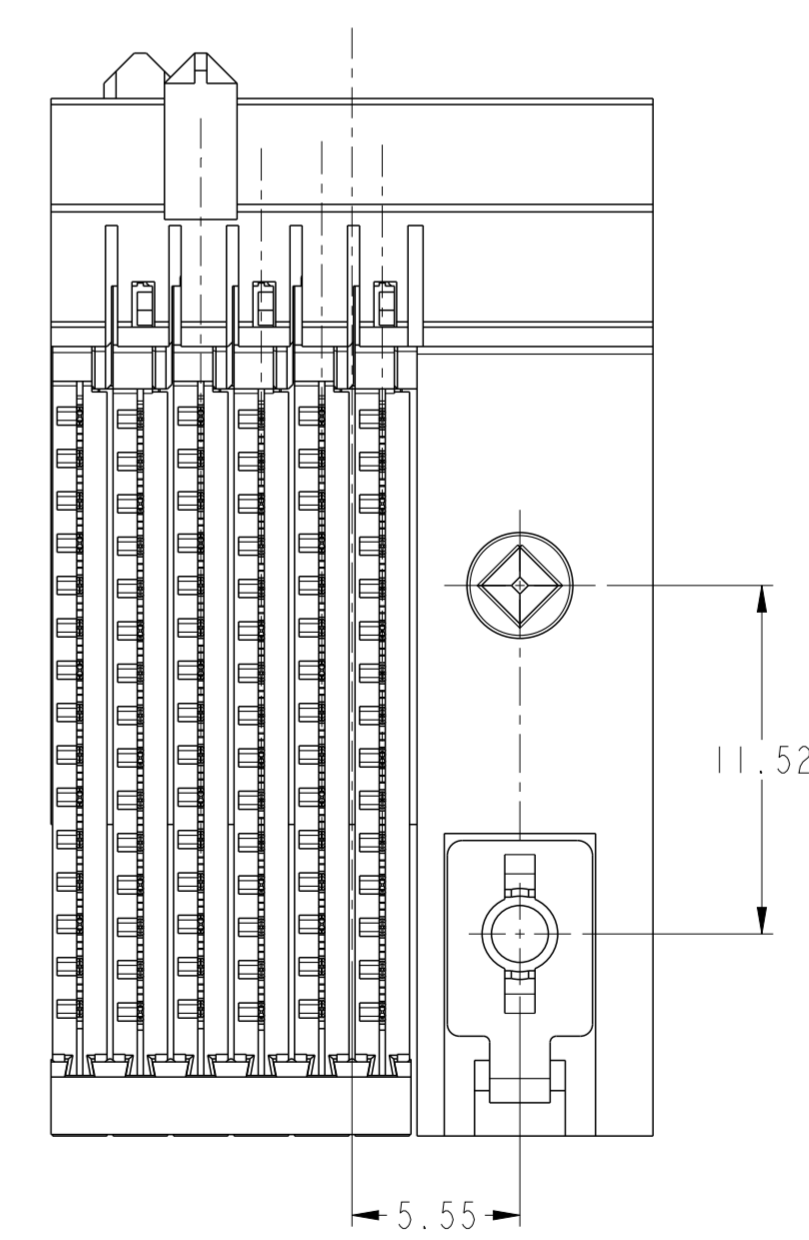
LEFT POLARIZATION WITH GUIDE



ODD COLUMN, CONTACT ROW ID



RECOMMENDED PCB LAYOUT



PRELIMINARY

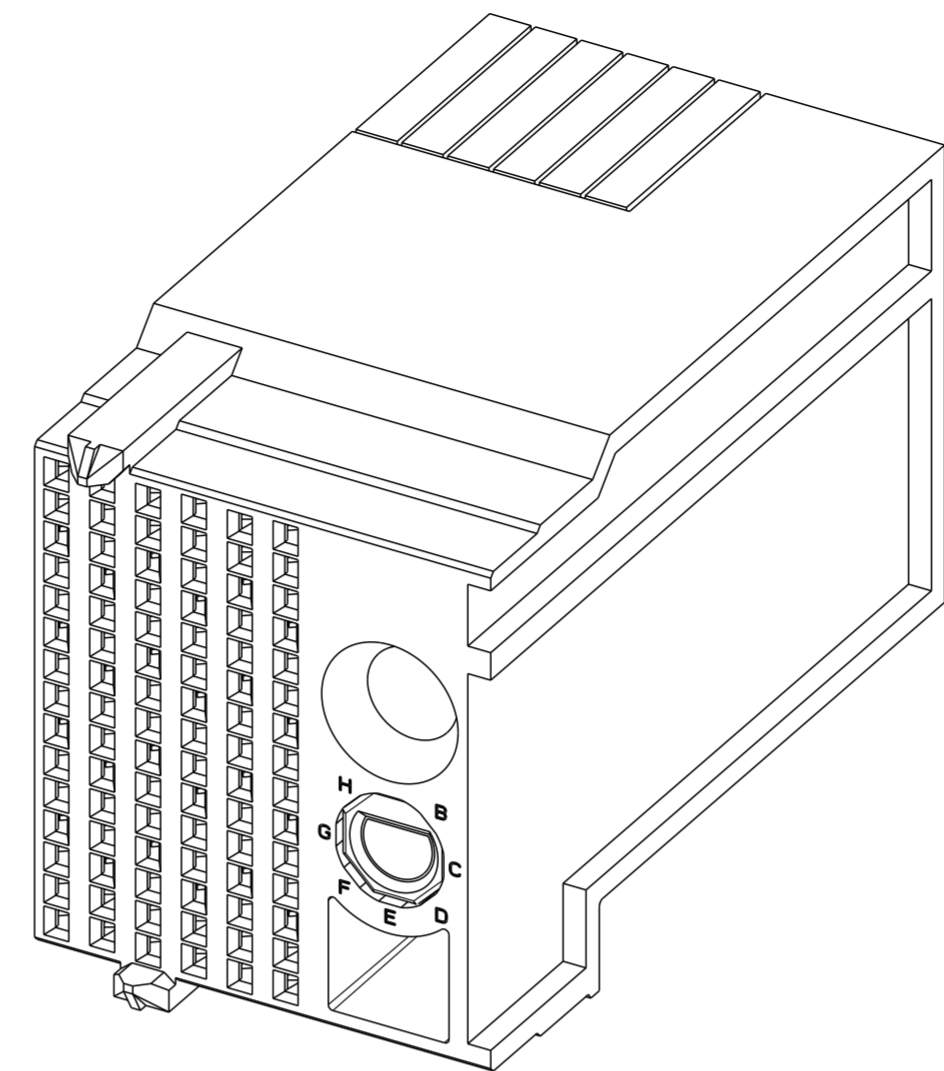
spec ref	---	dr	Jackie Chen	2015/05/25	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-			
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-	app	-	rel level	Preliminary			
surface	-	product family	AIRMAX VS2		title	AIRMAX VSe R.A. RECEPTACLE ASS'Y, 5 PAIR, 90 POS, 6 IMLA, 20MM, W/GUIDE/KEY		dwg no	10135308	rev	1
	linear	0.X	±.3		cat. no.	-	Product - Customer Drw	sheet 3 of 4			
		0.XX	±.15								
		0.XXX	±.050								
	angular	0°	±°								

Amphenol FCI

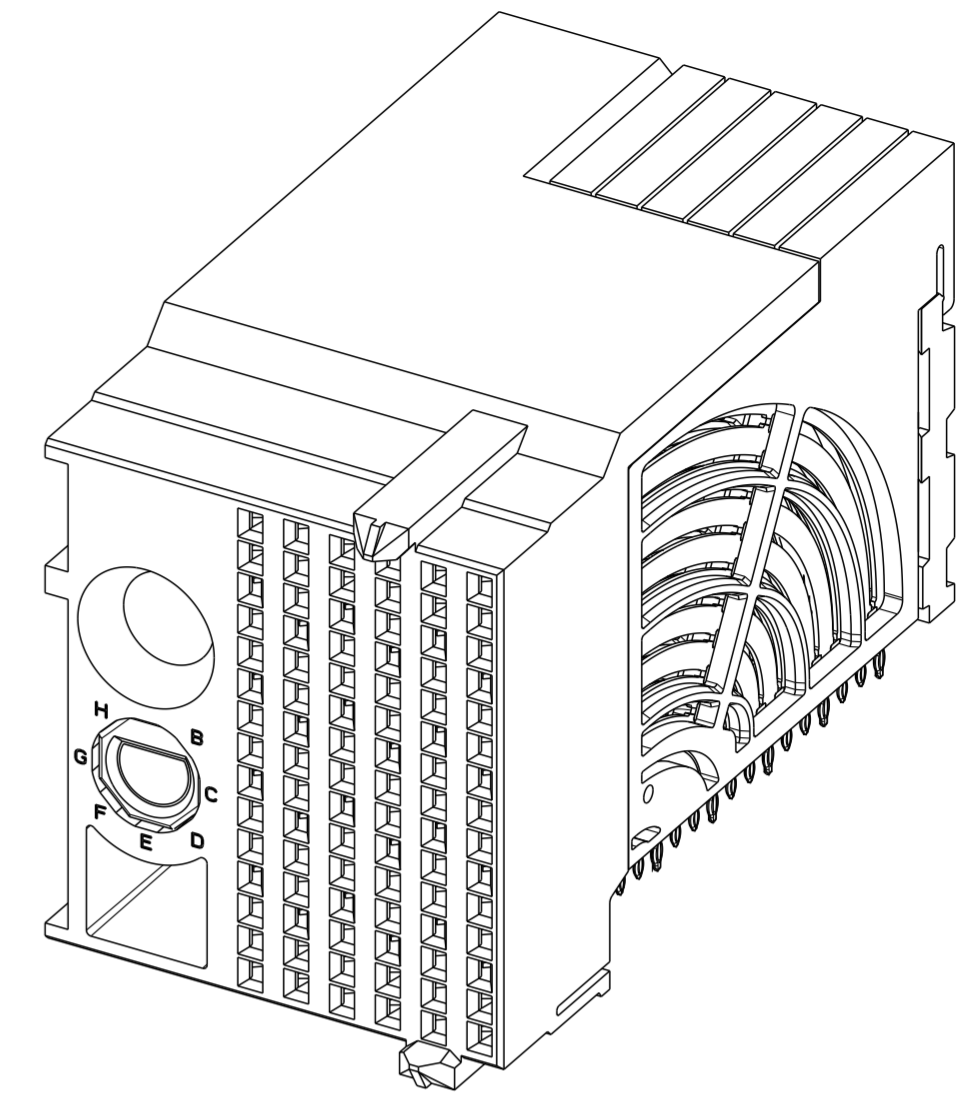
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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135308-10*LF	TIN OVER NICKEL (LEAD FREE)

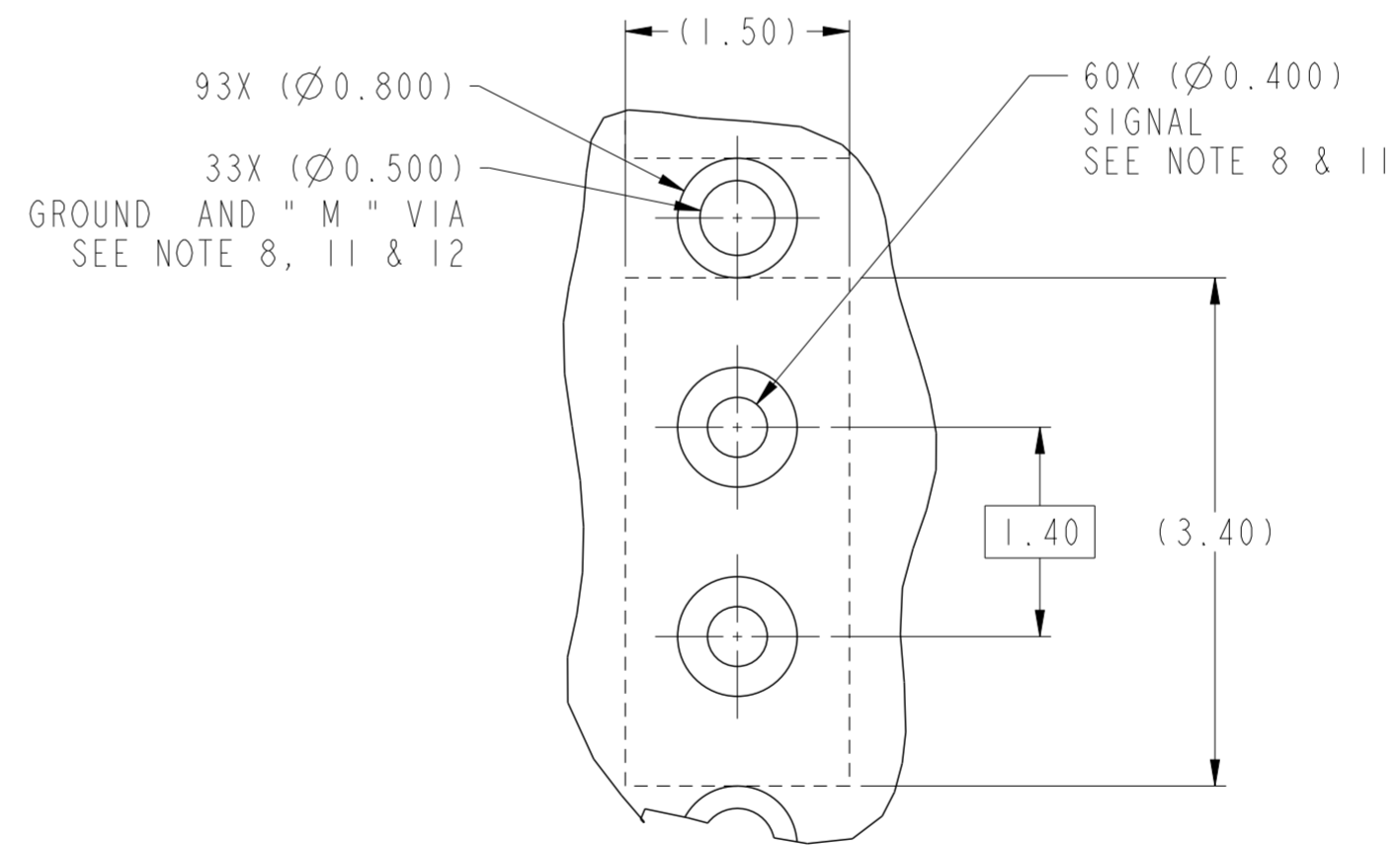


10135308-10ALF



10135308-10PLF

- 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 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 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	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	dwg no		10135308	rev
surface	linear	0.X	±.3		title		AIRMAX VSe R.A. RECEPTACLE		cat. no.		Product - Customer Drw
		0.XX	±.15		ASS'Y, 5 PAIR, 90 POS, 6 IMLA, 20MM, W/GUIDE/KEY		sheet 4 of 4				
	angular	0°	±°								