

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

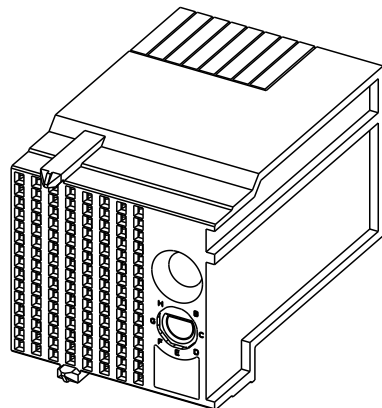
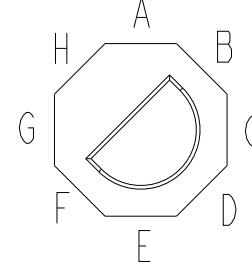
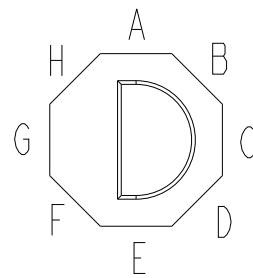
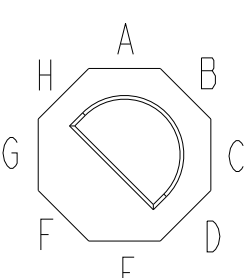
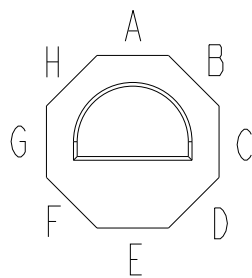
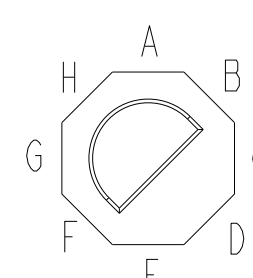
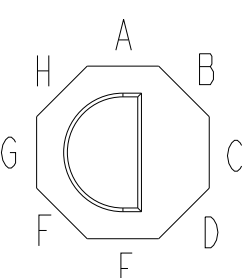
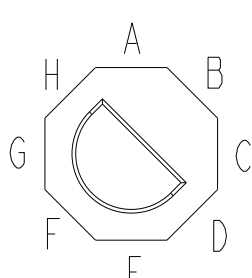
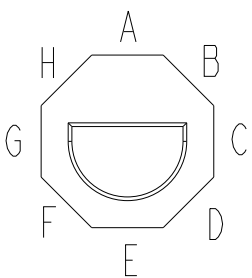
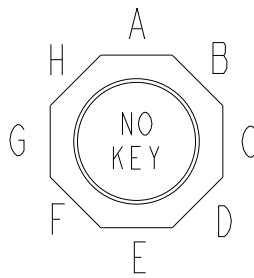
E

F

G

H

NO KEY
NO GUIDE PIN



RIGHT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 2)

Z

Y
(NO KEY)

P

Q

R

S

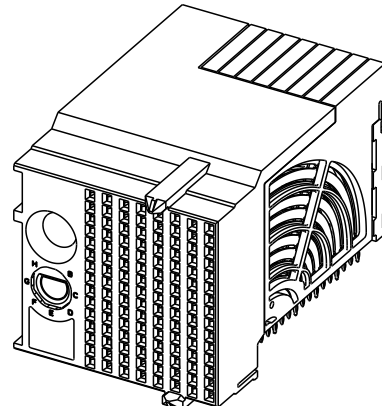
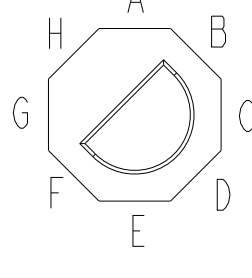
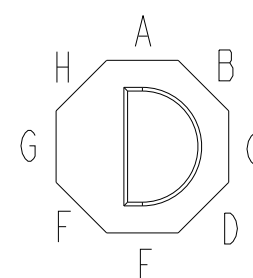
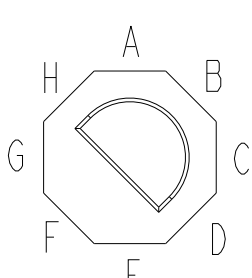
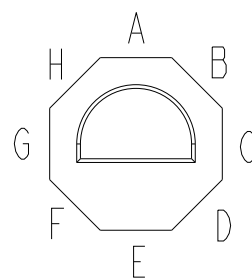
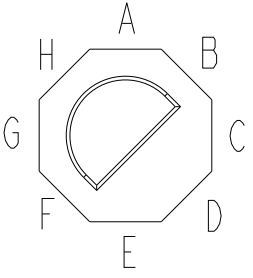
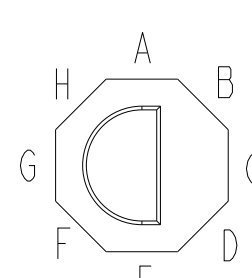
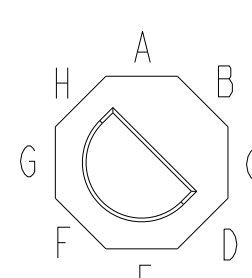
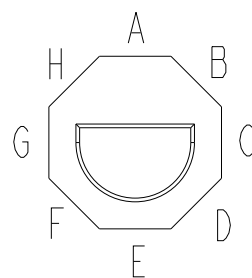
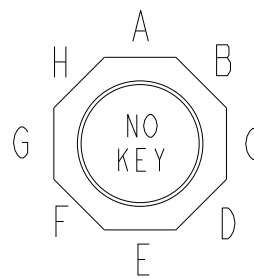
T

U

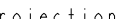
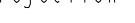
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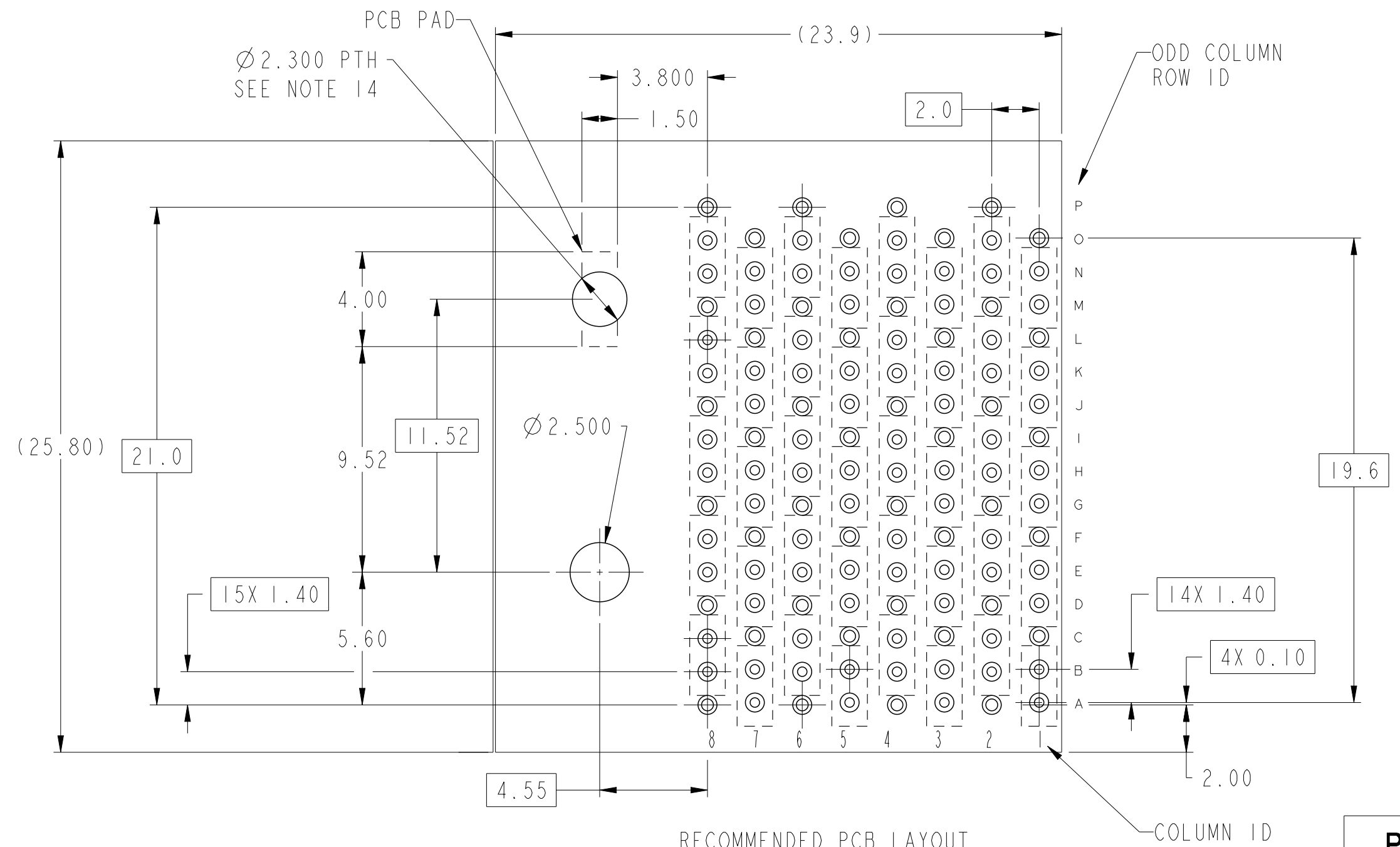
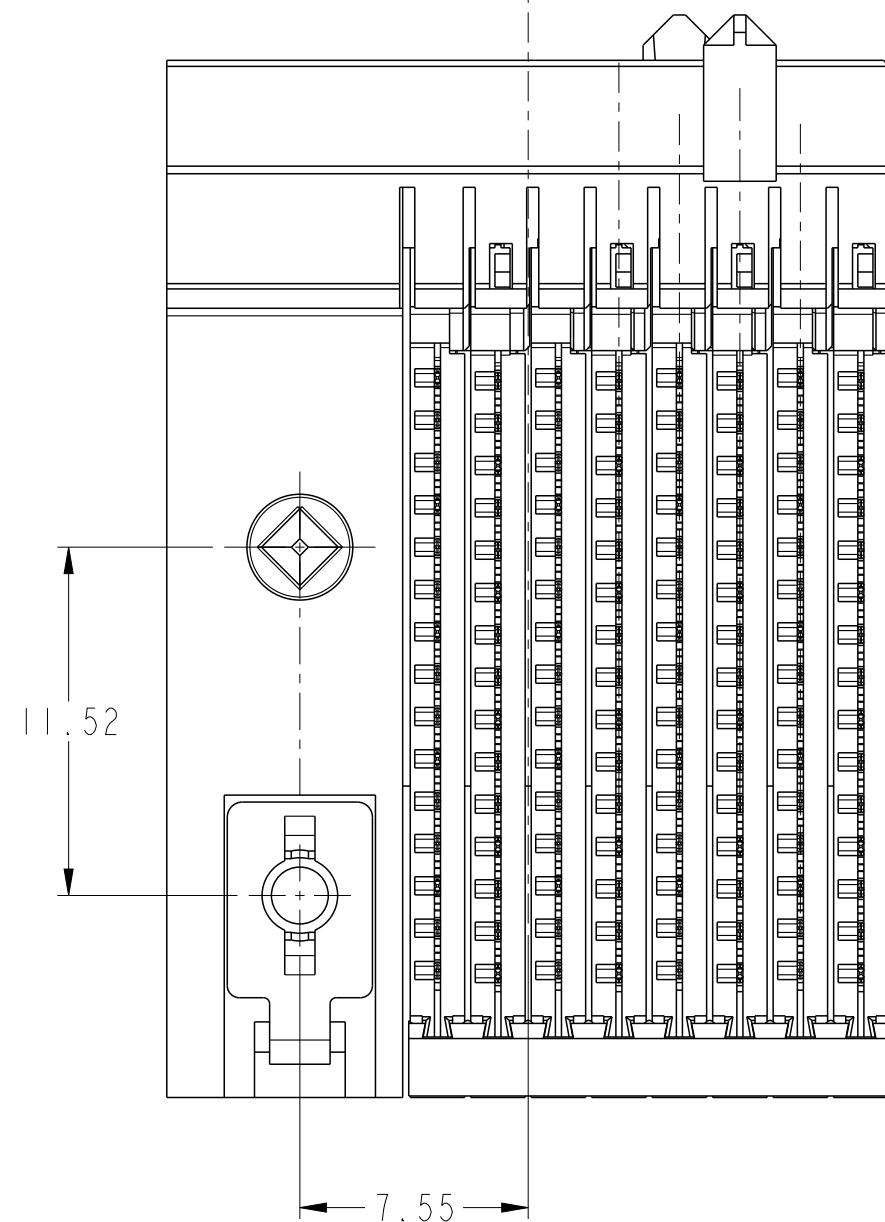
W

NO KEY
NO GUIDE PIN

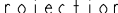


PRELIMINARY

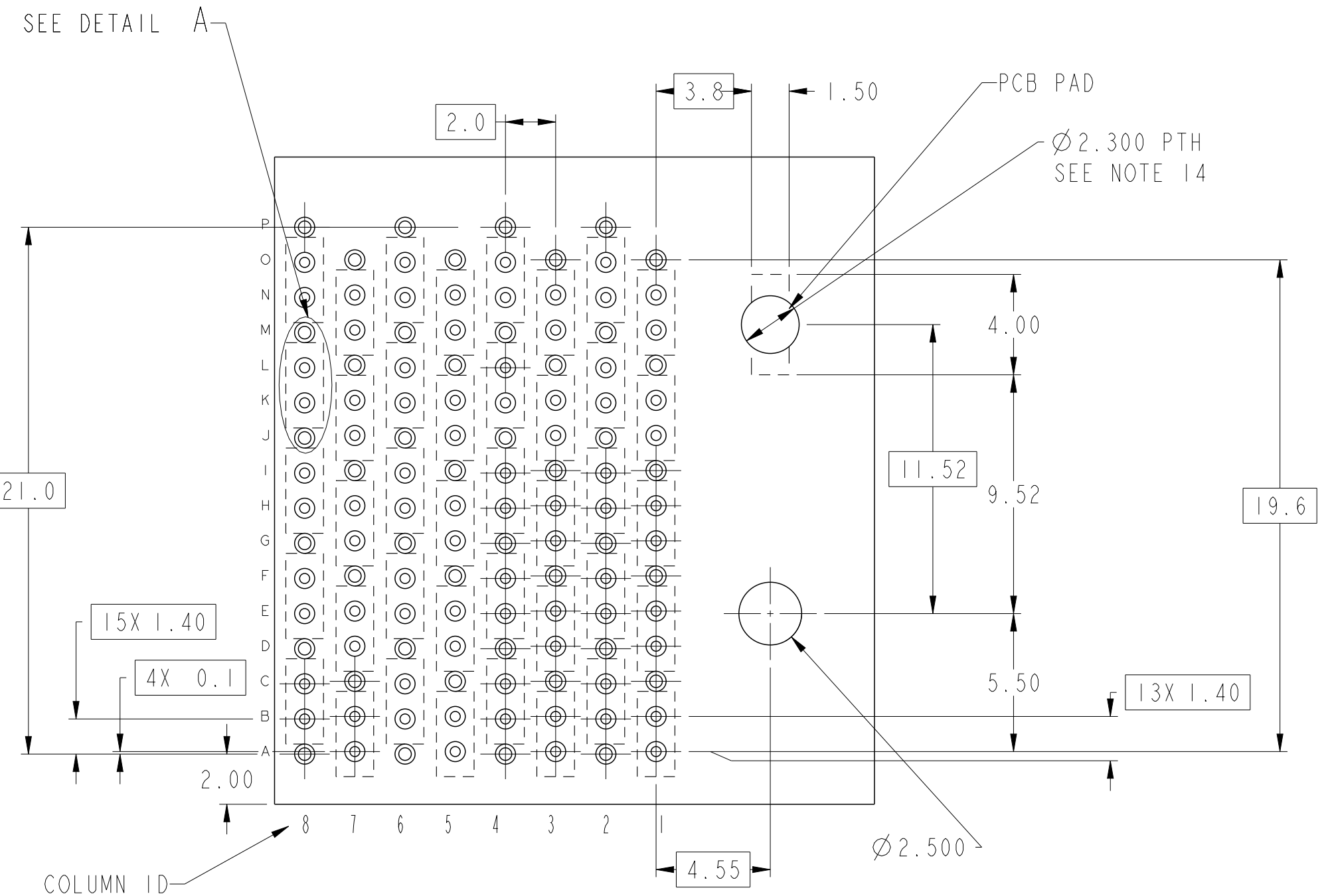
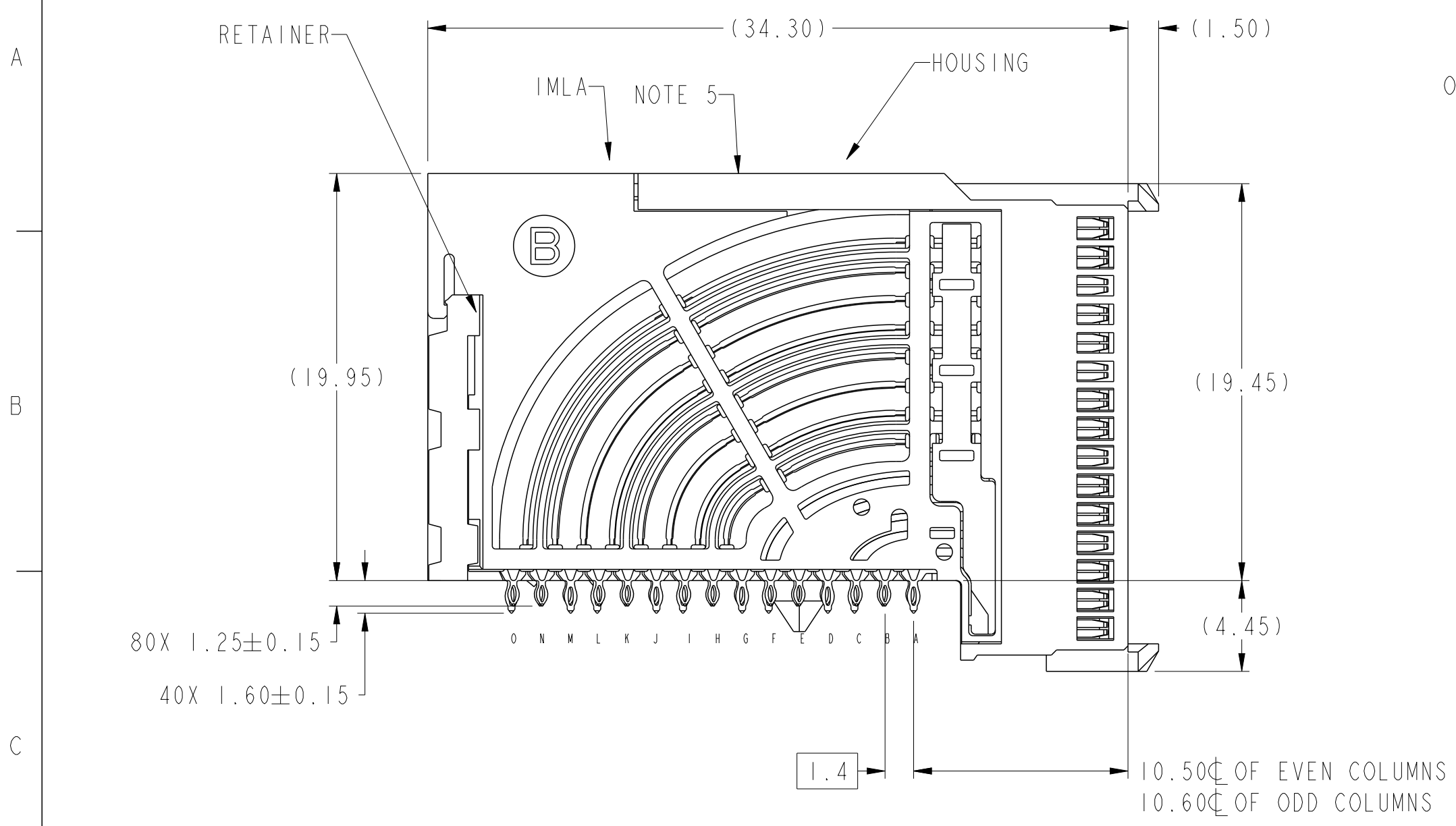
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tolerance std				ASME Y14.5M		eng		Tao Zhan		2016/03/14						ecn no		-		rel level		Preliminary					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-																					
		appr		-		-																					
surface				linear		0.X		±.3		Amphenol FCI		title		AIRMAX VSe R.A. RECEPTACLE		dwg no		10135314		rev		1					
																								0.XX		±.15	
																								0.XXX		±.050	
				angular		0°		±°		cat. no.		-		Product - Customer Drw		sheet 1 of 4											



PRELIMINARY

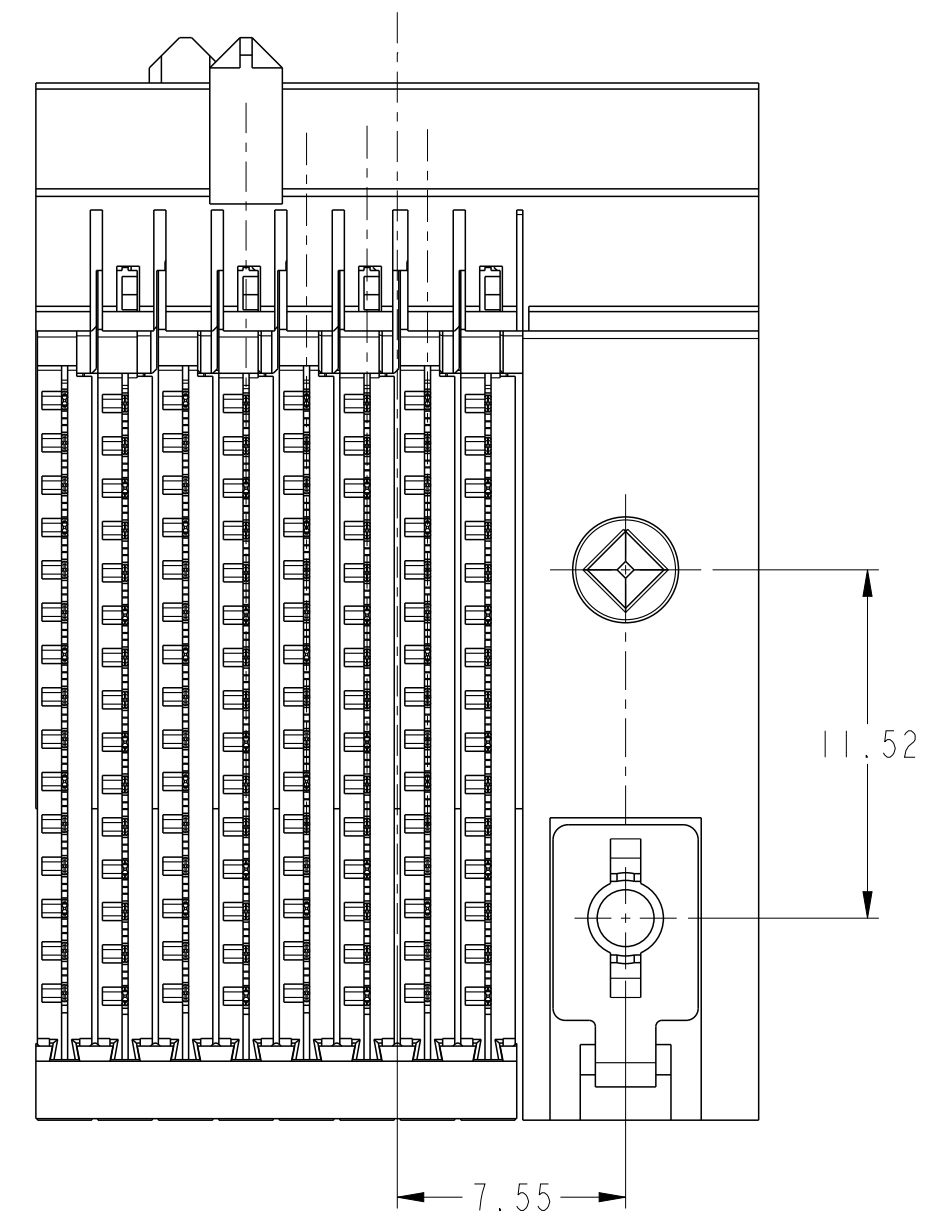
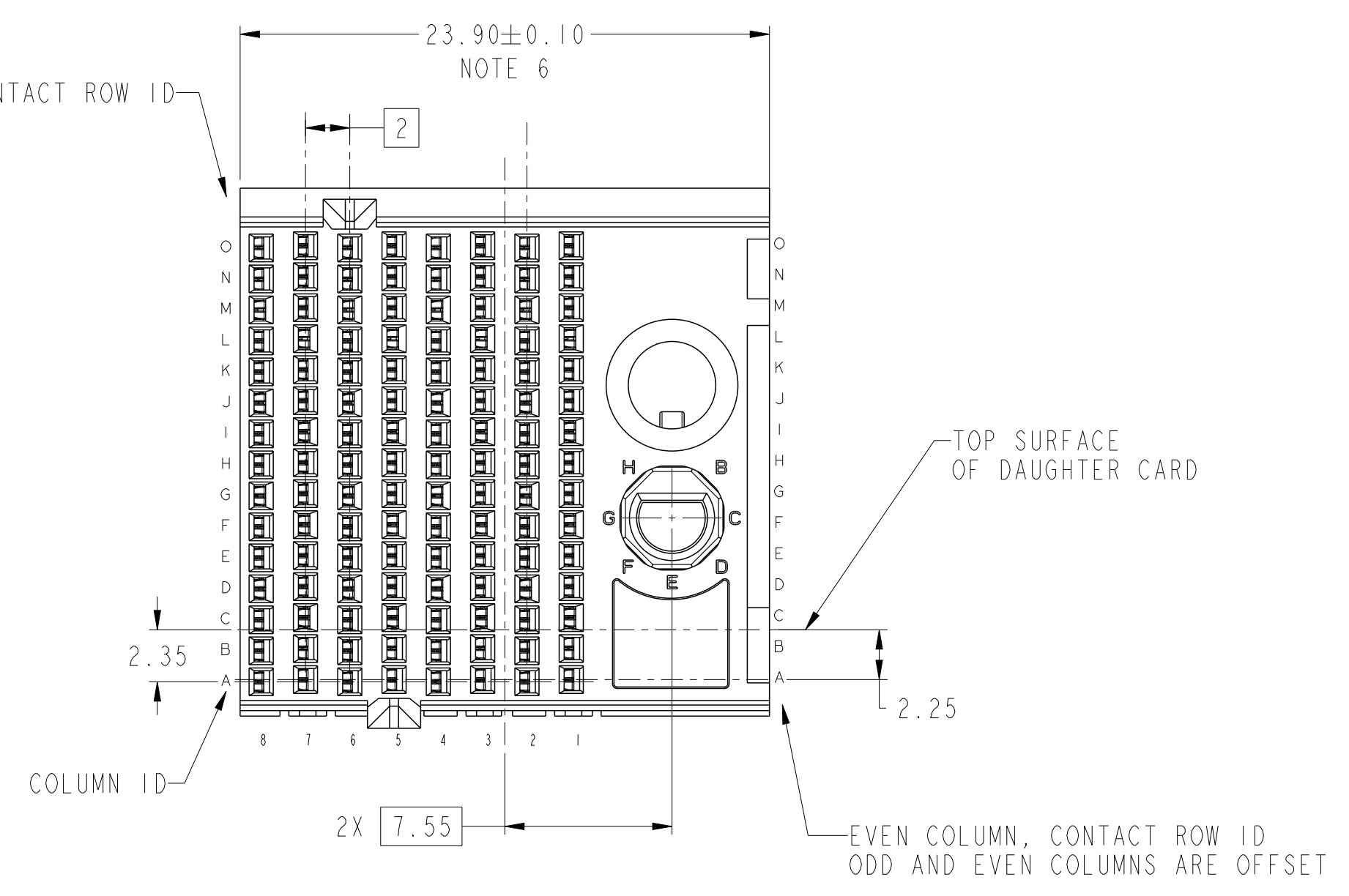
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Tao Zhan		2016/03/14						ecn no		-		rel level		Preliminary					
ASME Y14.5M				chr		-		-						product family		AirMax VS2									
surface - 		linear		0.X		±.3		Amphenol FCI		title		AIRMAX VSe R.A. RECEPTACLE		dwg no		10135314		rev		1					
																						0.XX		±.15	
																						0.XXX		±.050	
angular		0°		±		cat. no.		-		Product		Customer Drw		sheet 2 of 4											

LEFT POLARIZATION WITH GUIDE



RECOMMENDED PCB LAYOUT

ODD COLUMN, CONTACT ROW ID

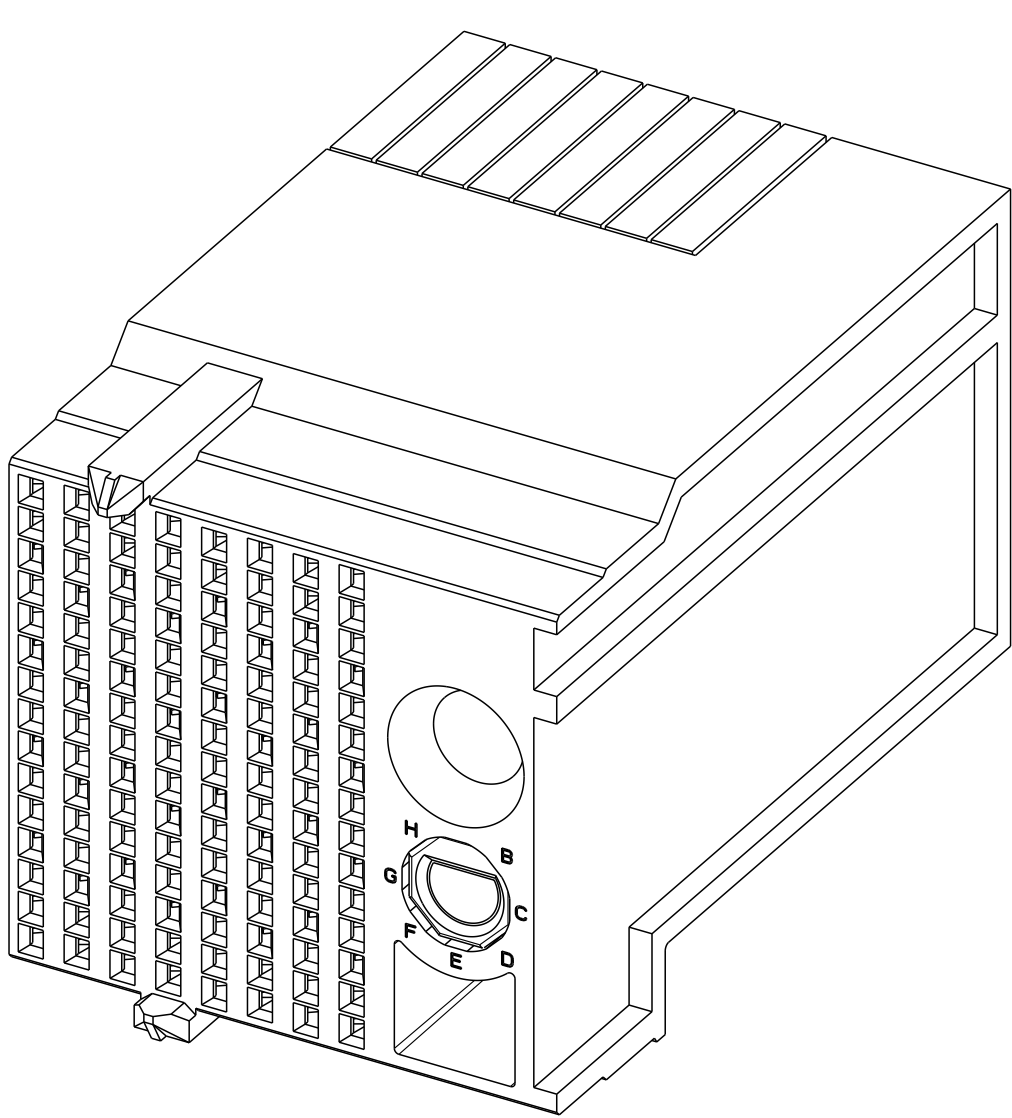


PRELIMINARY

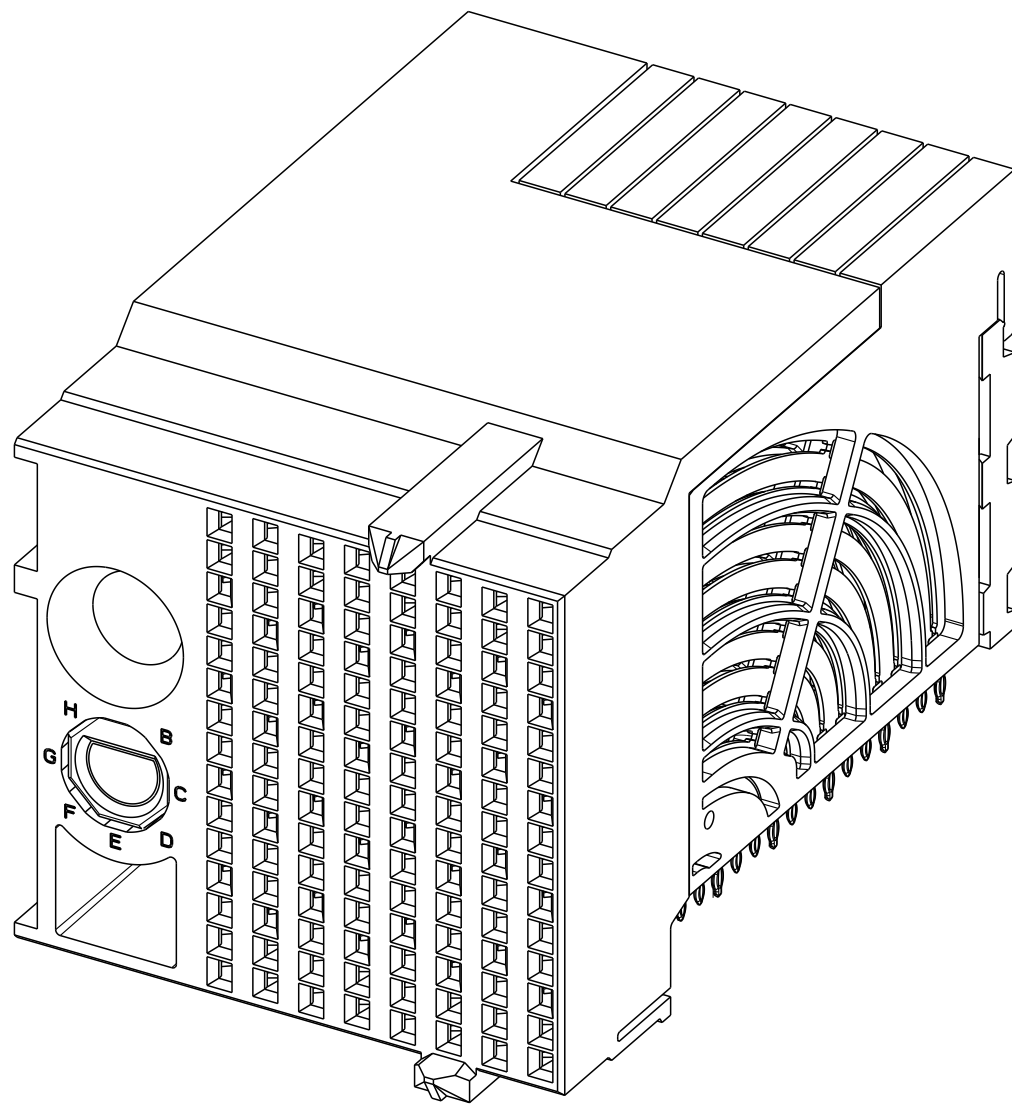
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tolerance std		ASME Y14.5M		eng	Tao Zhan	2016/03/14				ecn no				-
		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-	product family			AIRMAX VS2				
				appr	-	-			rel level		Preliminary			
surface	- 	linear	0.X	±.3	Amphenol FCi	title	AIRMAX VSe R.A. RECEPTACLE				dwg no	10135314	rev	1
			0.XX	±.15										
			0.XXX	±.050										
		angular	0°	±°										

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135314-10*LF	TIN OVER NICKEL (LEAD FREE)

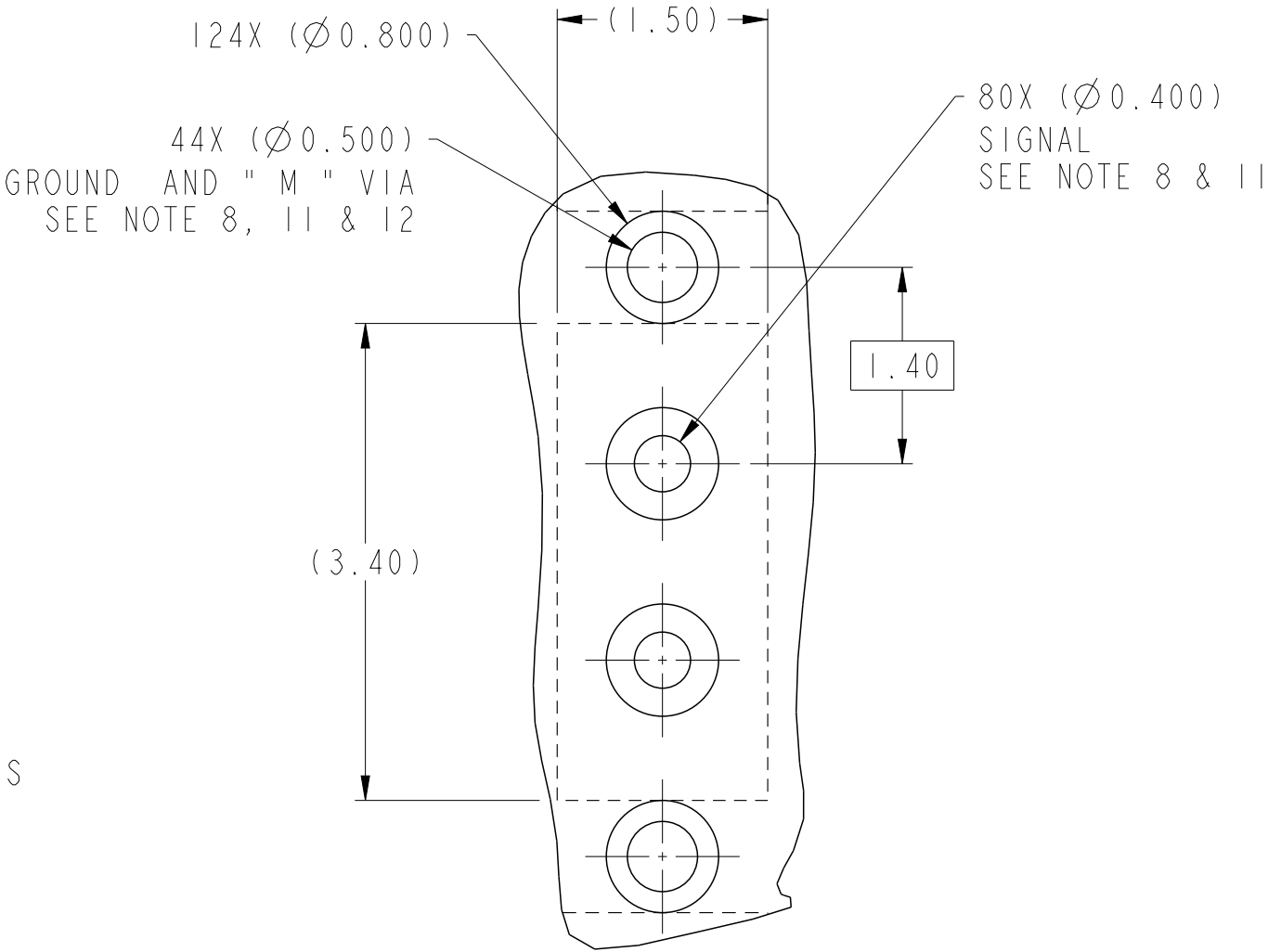
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS 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 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.



10135314-10ALF



10135314-10PLF



DETAIL A
SCALE 20:1

spec ref	---	dr	Jackie Chen	2015/09/25	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AirMax VS2	cat. no.	-	Product - Customer Drw	sheet 4 of 4
linear	0.X ±.3 0.XX ±.15 0.XXX ±.050	angular	0° ±°	Amphenol FCi	title	AIRMAX VSe R.A. RECEPTACLE ASS'Y, 5 PAIR, 120 POS, 8 IMLA, 20MM, W/GUIDE/KEY	dwg no	10135314	rev	1