

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

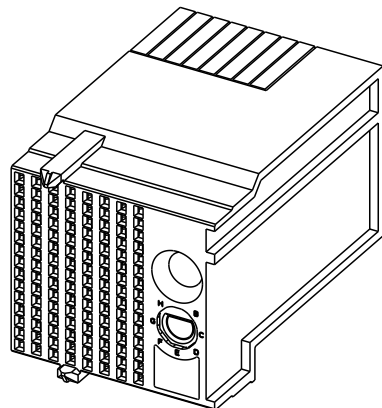
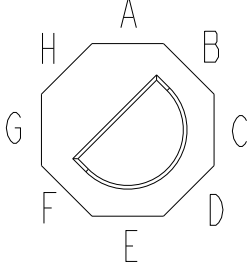
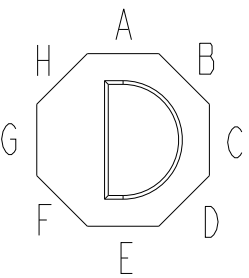
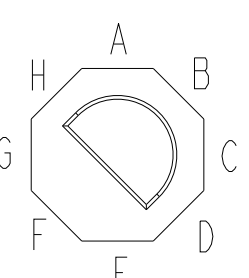
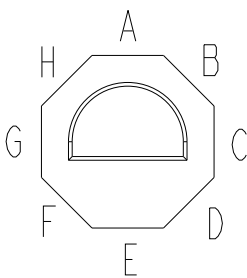
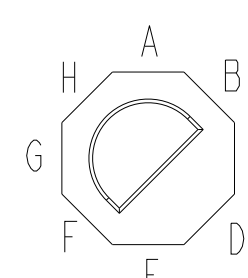
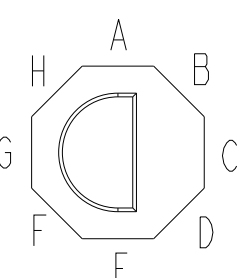
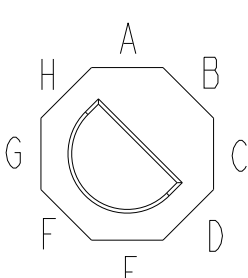
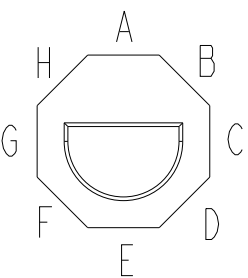
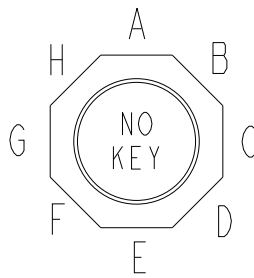
E

F

G

H

NO KEY
NO GUIDE PIN



RIGHT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 2)

Z

Y
(NO KEY)

P

Q

R

S

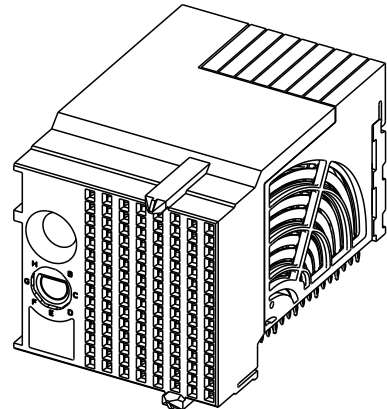
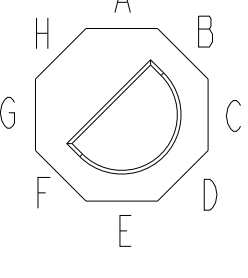
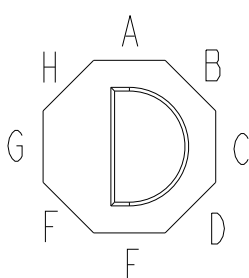
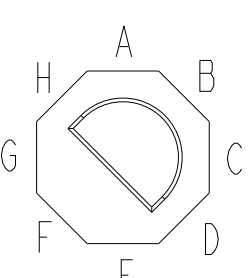
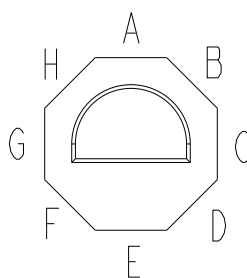
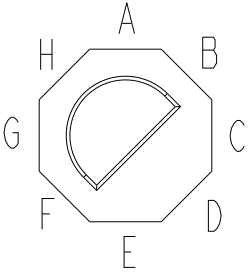
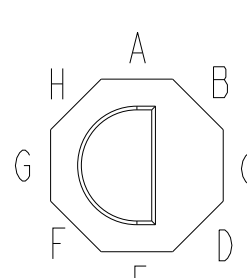
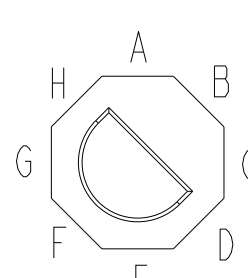
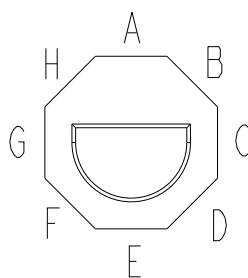
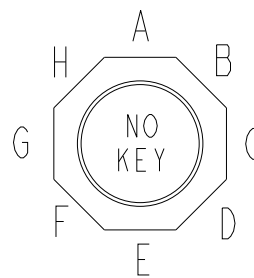
T

U

V

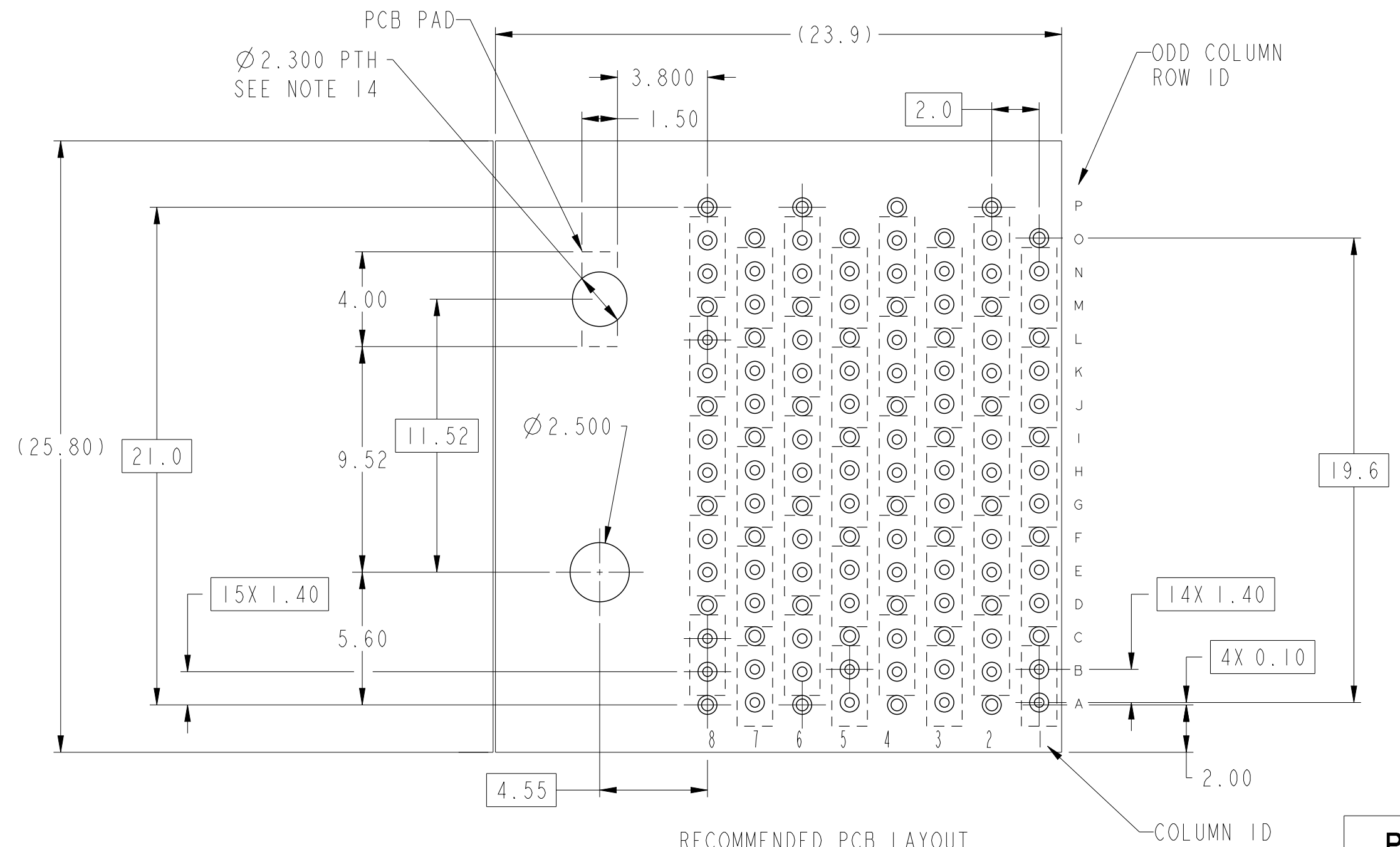
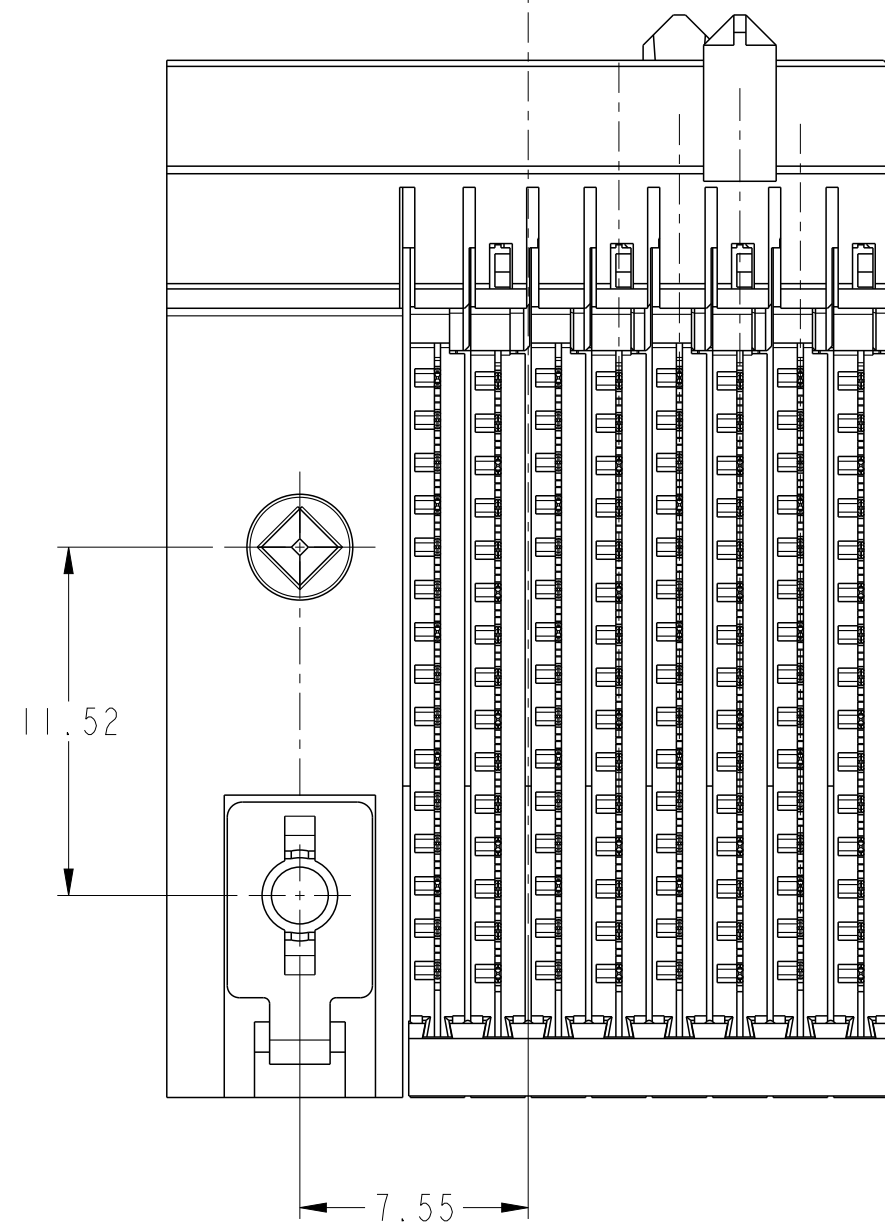
W

NO KEY
NO GUIDE PIN



PRELIMINARY

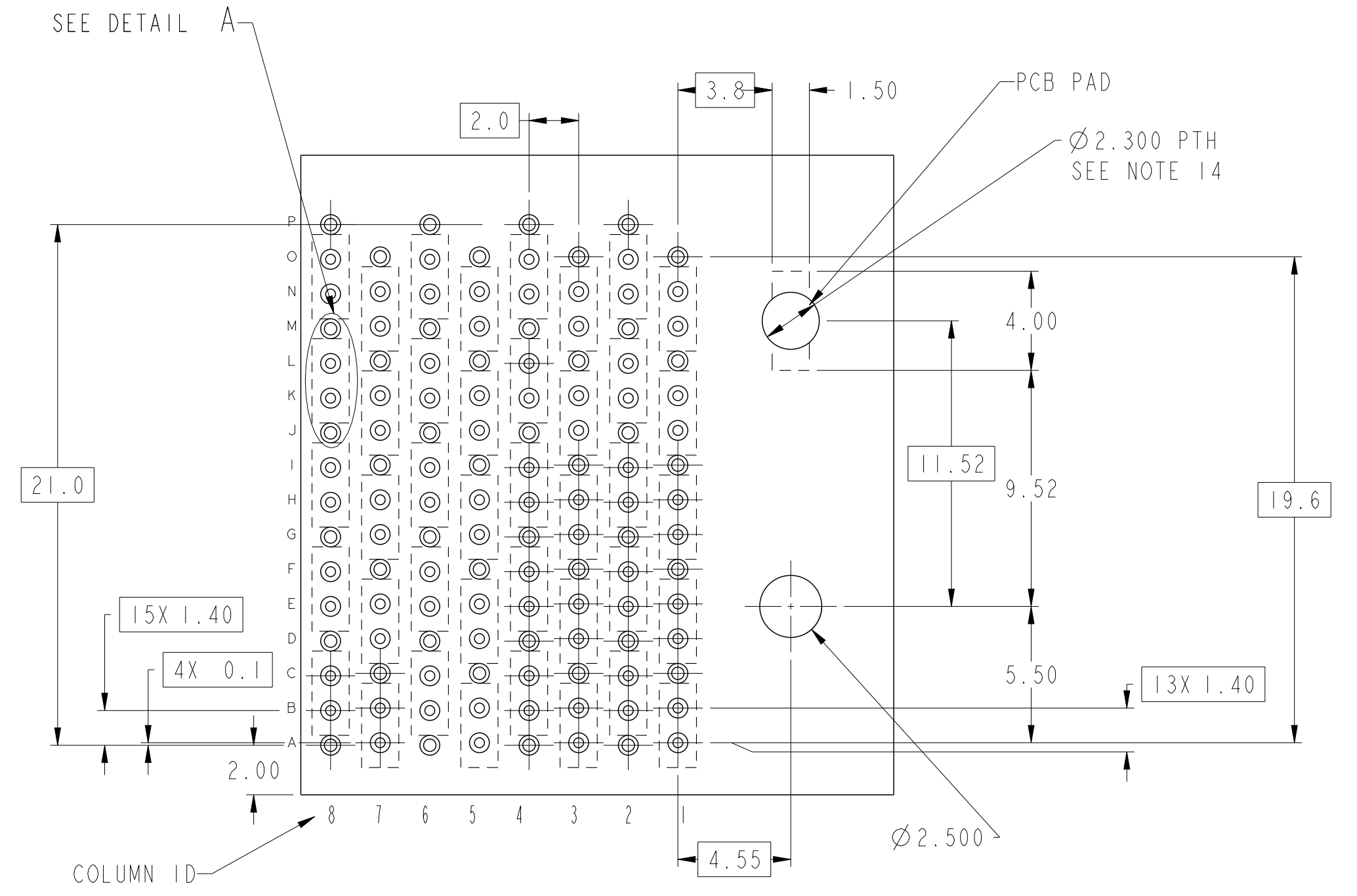
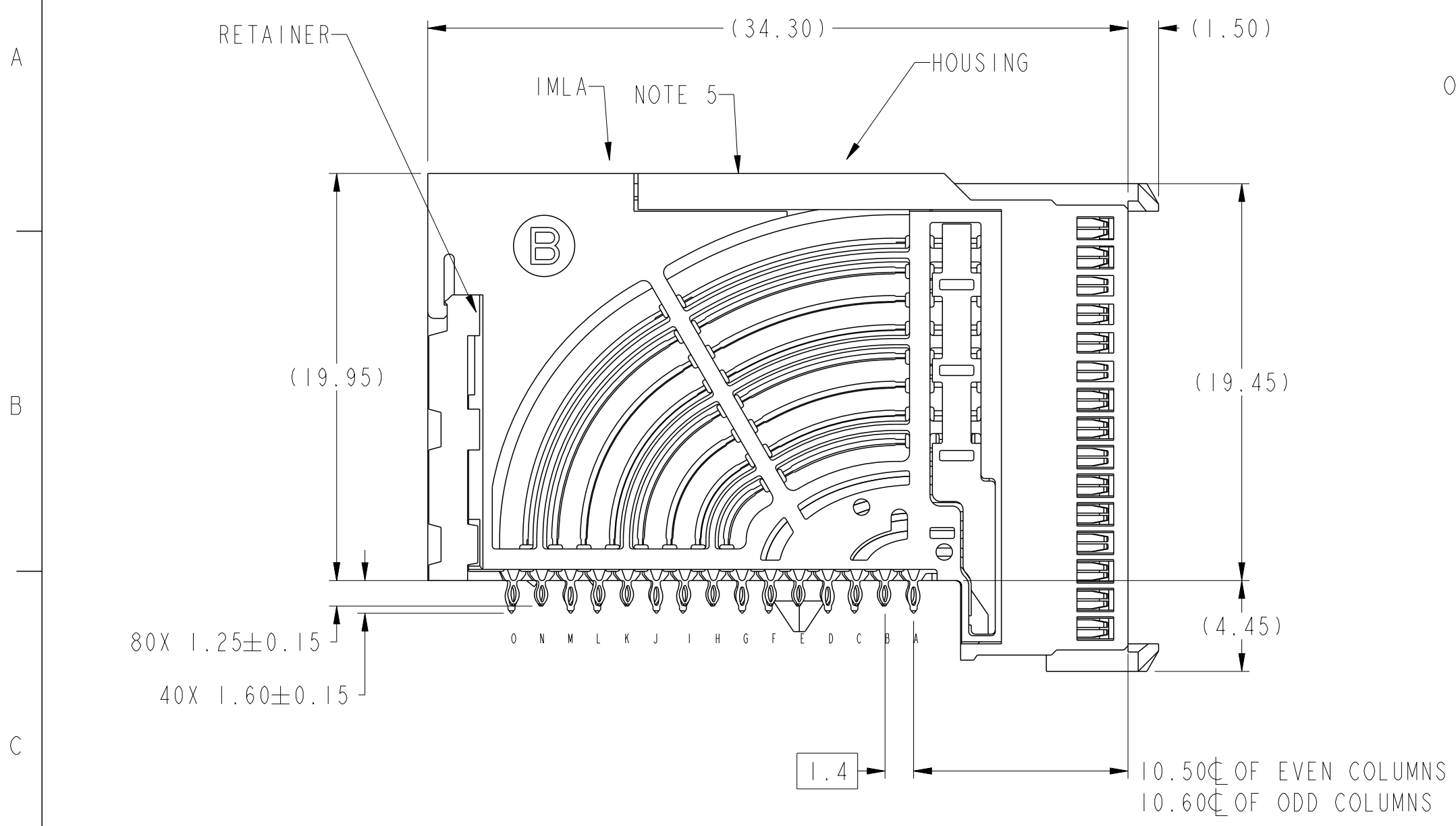
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tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-		
		appr	-	-	product family	AirMax VS2	rel level	Preliminary		
surface	-	linear	0.X	±.3	Amphenol FCI	AIRMAX VSe R.A. RECEPTACLE	dwg no	10135314	rev	1
			0.XX	±.15		ASS'Y, 5 PAIR, 120 POS, 8 IMLA, 20MM, W/GUIDE/KEY				
		angular	0°	±°						
					cat. no.	-	Product - Customer Drw		sheet 1 of 4	



PRELIMINARY

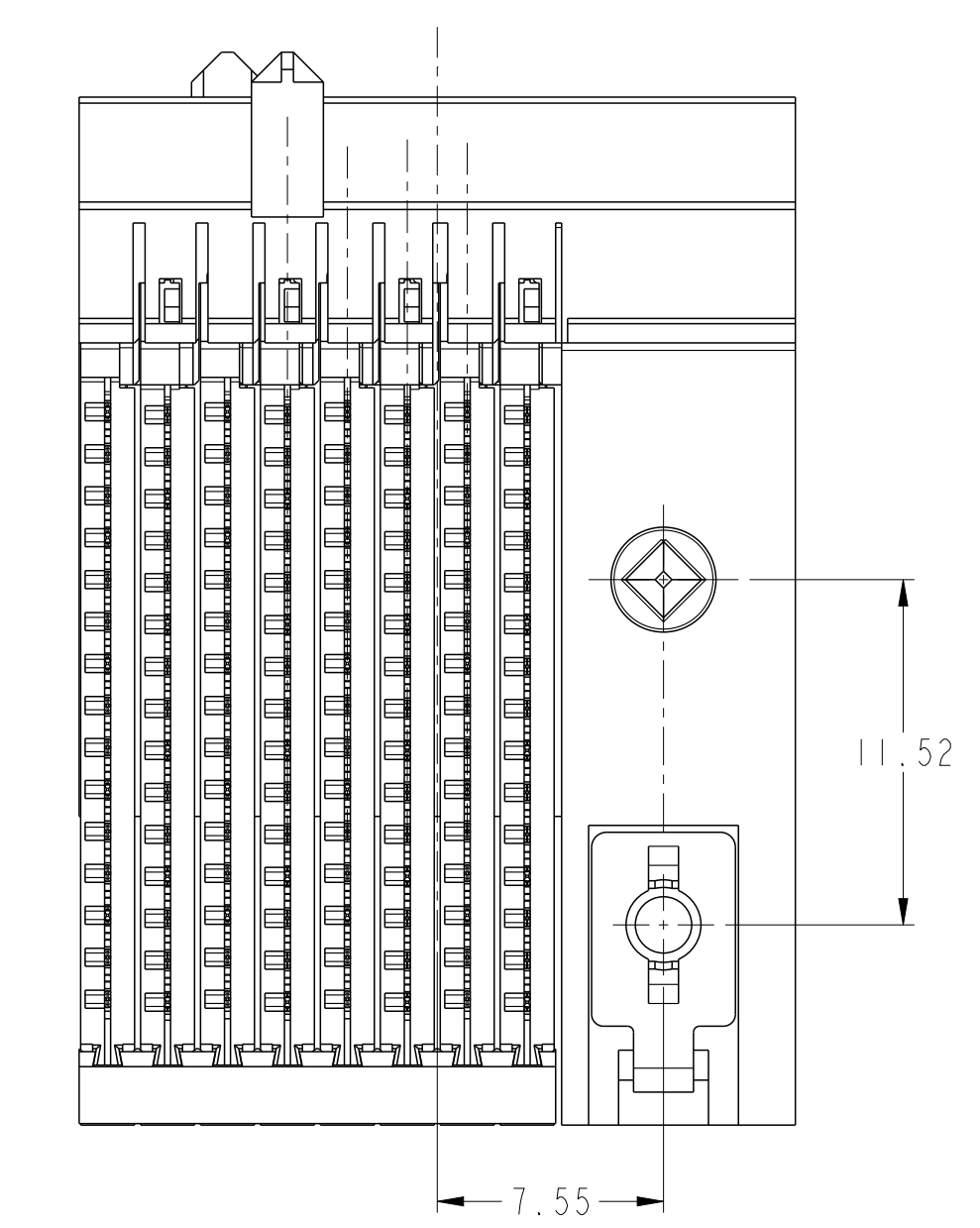
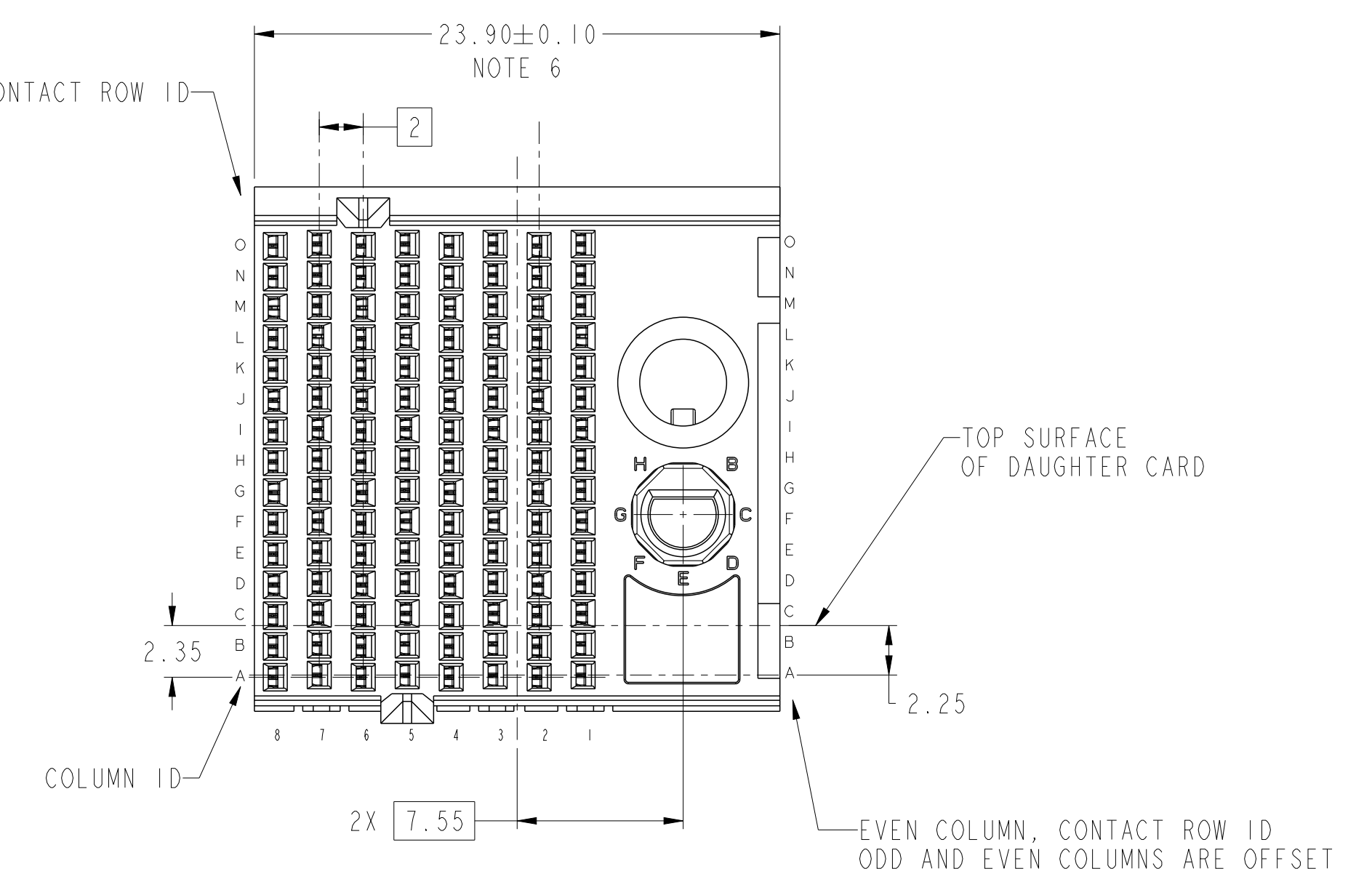
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tolerance std ASME Y14.5M		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Tao Zhan		2016/03/14								ecn no -			
				chr -		-				product family AirMax VS2				rel level Preliminary			
surface ✓		linear		0.X ± .3 0.XX ± .15 0.XXX ± .050		Amphenol FCI		title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

LEFT POLARIZATION WITH GUIDE



RECOMMENDED PCB LAYOUT

ODD COLUMN, CONTACT ROW ID



PRELIMINARY

spec ref				---		dr		Jackie Chen		2015/05/25		projection		MM		size		scale									
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Tao Zhan		2016/03/14						A2		8:1									
ASME Y14.5M						chr		-		-						ecn no				-							
						appr		-		-						product family				AIRMAX VS2		rel level		Preliminary			
surface		- 		linear		0.X ±.3		±.15		±.050		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	
				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

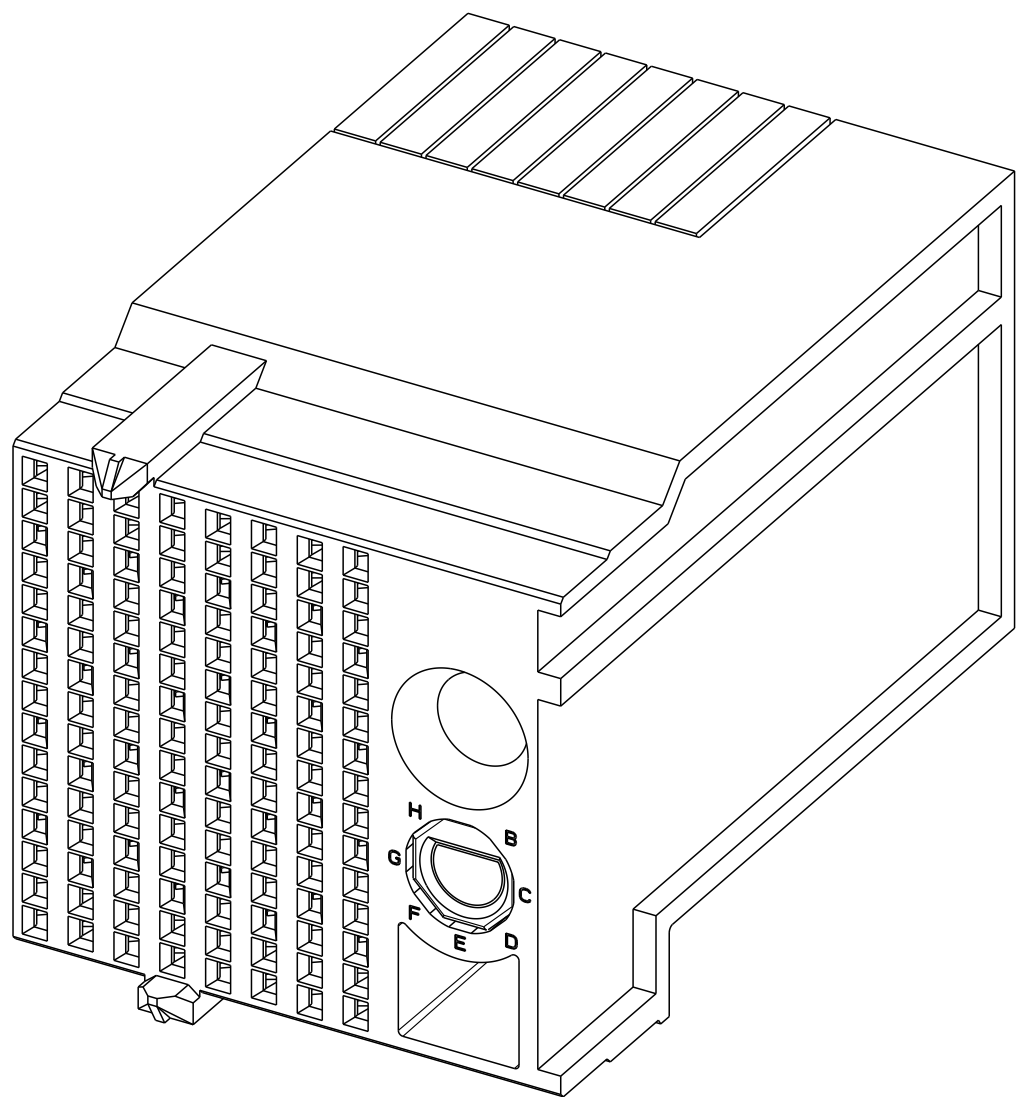
- 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING
SPECIFICATION.

- 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.

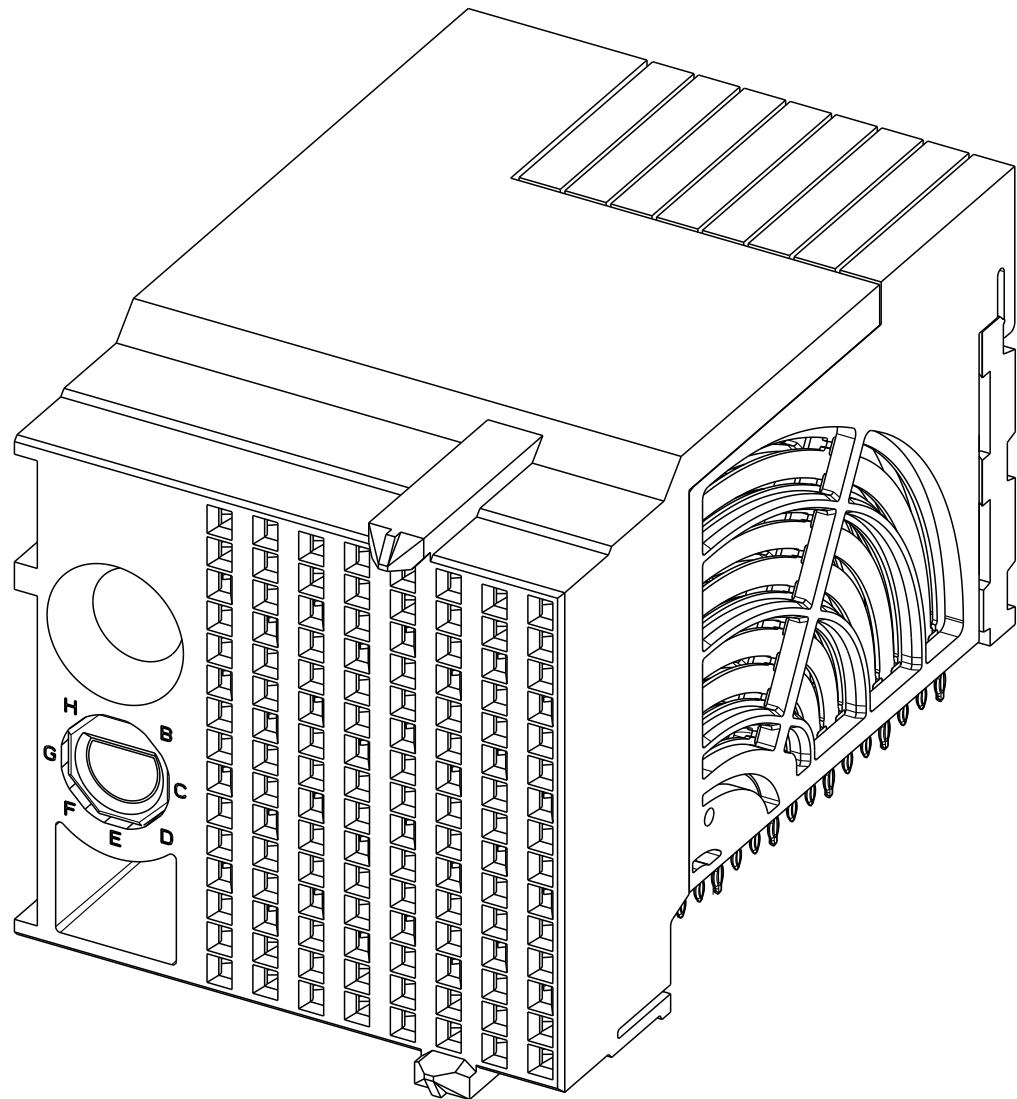
- 12 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE
PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES
AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

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

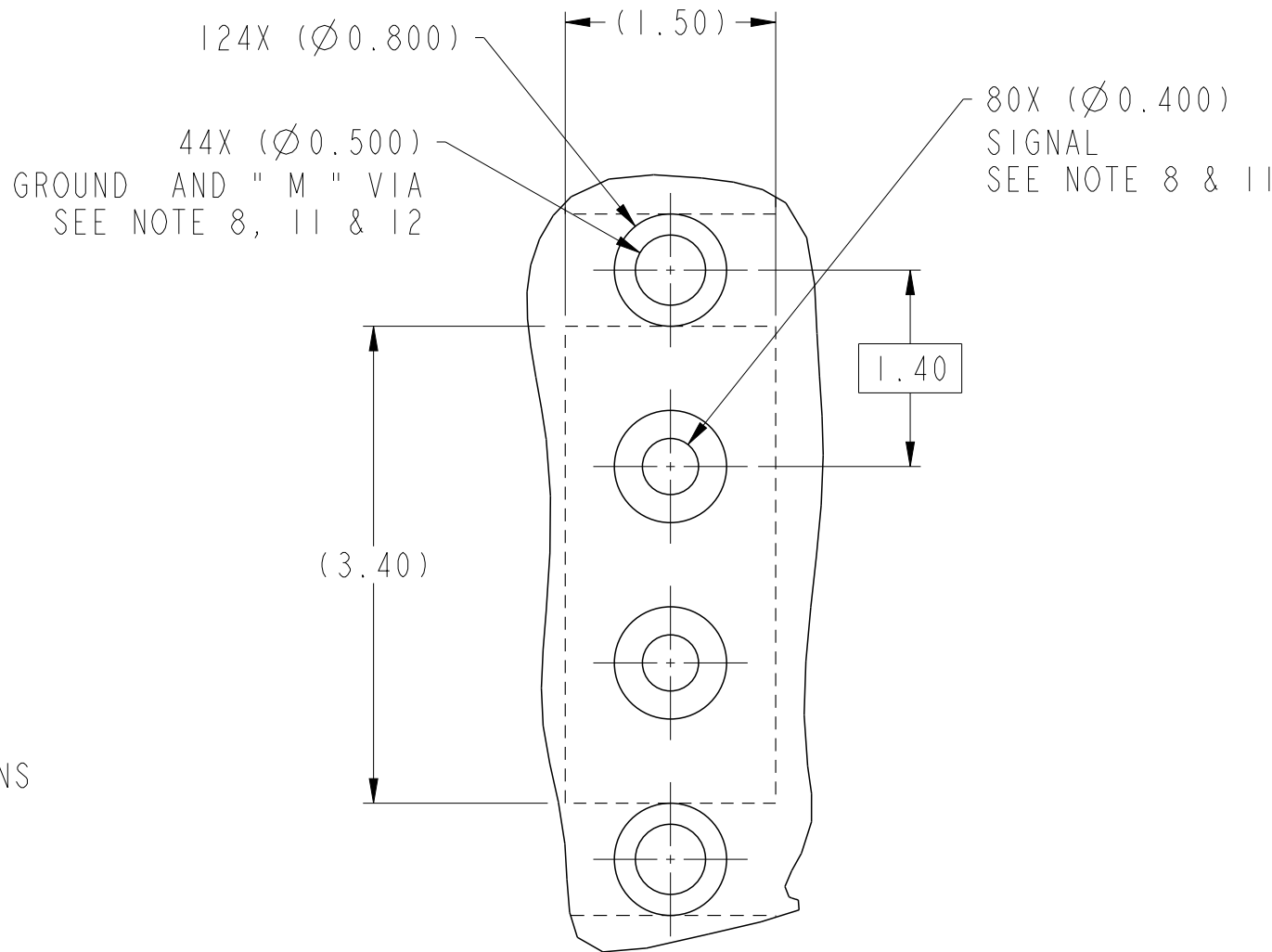
- 14 - CUSTOMER CAN FIX THE CONNECTOR WITH THREAD FORMING SCREW THROUGH
THIS PTH. THE SCREW IS #2-32, THE VALID LENGTH OF SCREW IS 4.5MM PLUS THE
THICKNESS OF PCB.



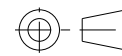
10135314-10ALF



10135314-10PLF



DETAIL A
SCALE 20:1

spec ref				---		dr Jackie Chen		2015/05/25		projection		MM		size A2		scale 4:1	
tolerance std						eng Tao Zhan		2016/03/14						ecn no		-	
ASME Y14.5M				TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-		product family		AirMax VS2		rel level Preliminary	
						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 4 of 4	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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