

10135261 - 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

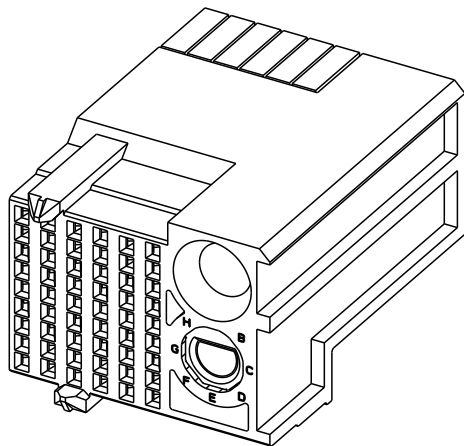
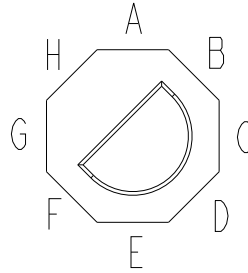
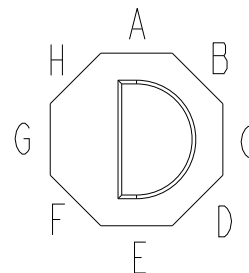
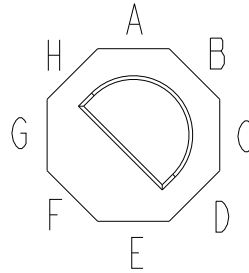
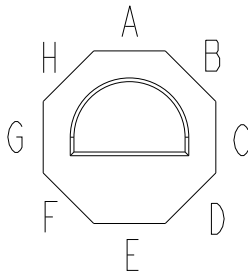
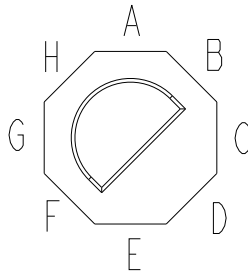
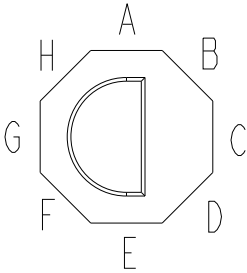
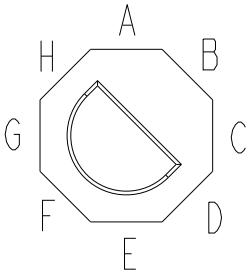
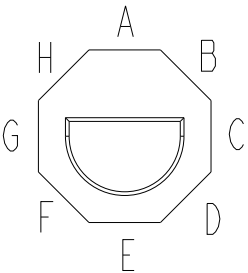
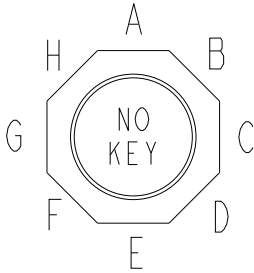
E

F

G

H

NO KEY
NO GUIDE PIN



RIGHT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 2)

Z

Y
(NO KEY)

P

Q

R

S

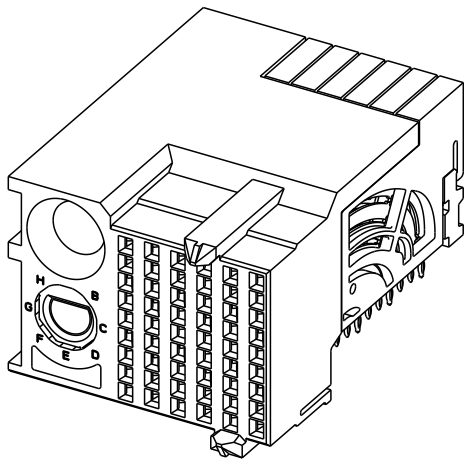
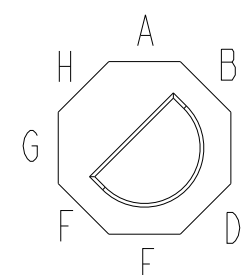
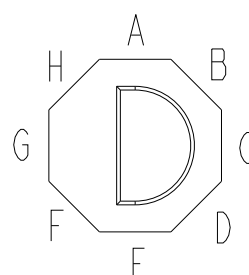
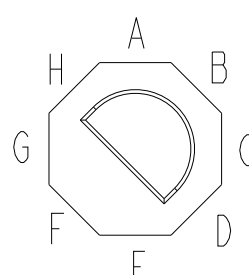
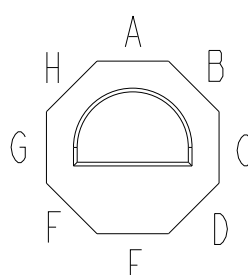
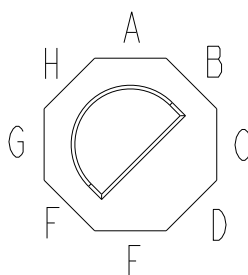
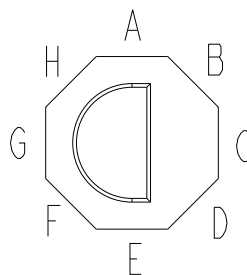
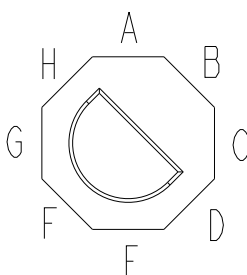
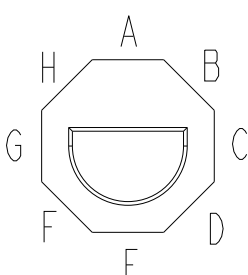
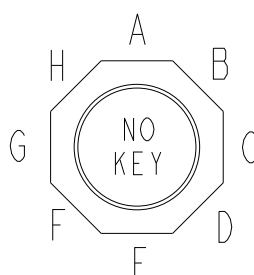
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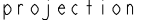
U

V

W

NO KEY
NO GUIDE PIN

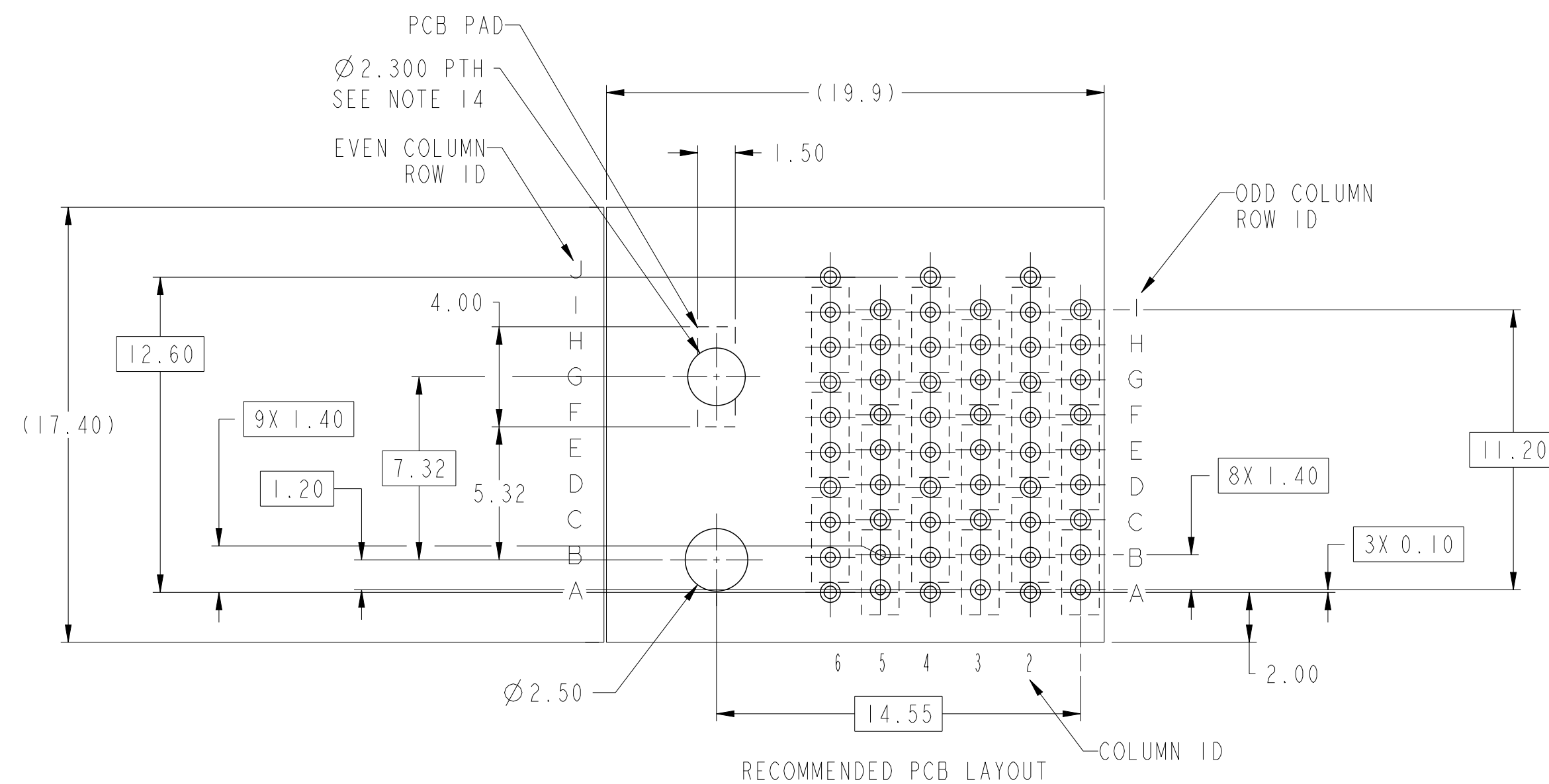
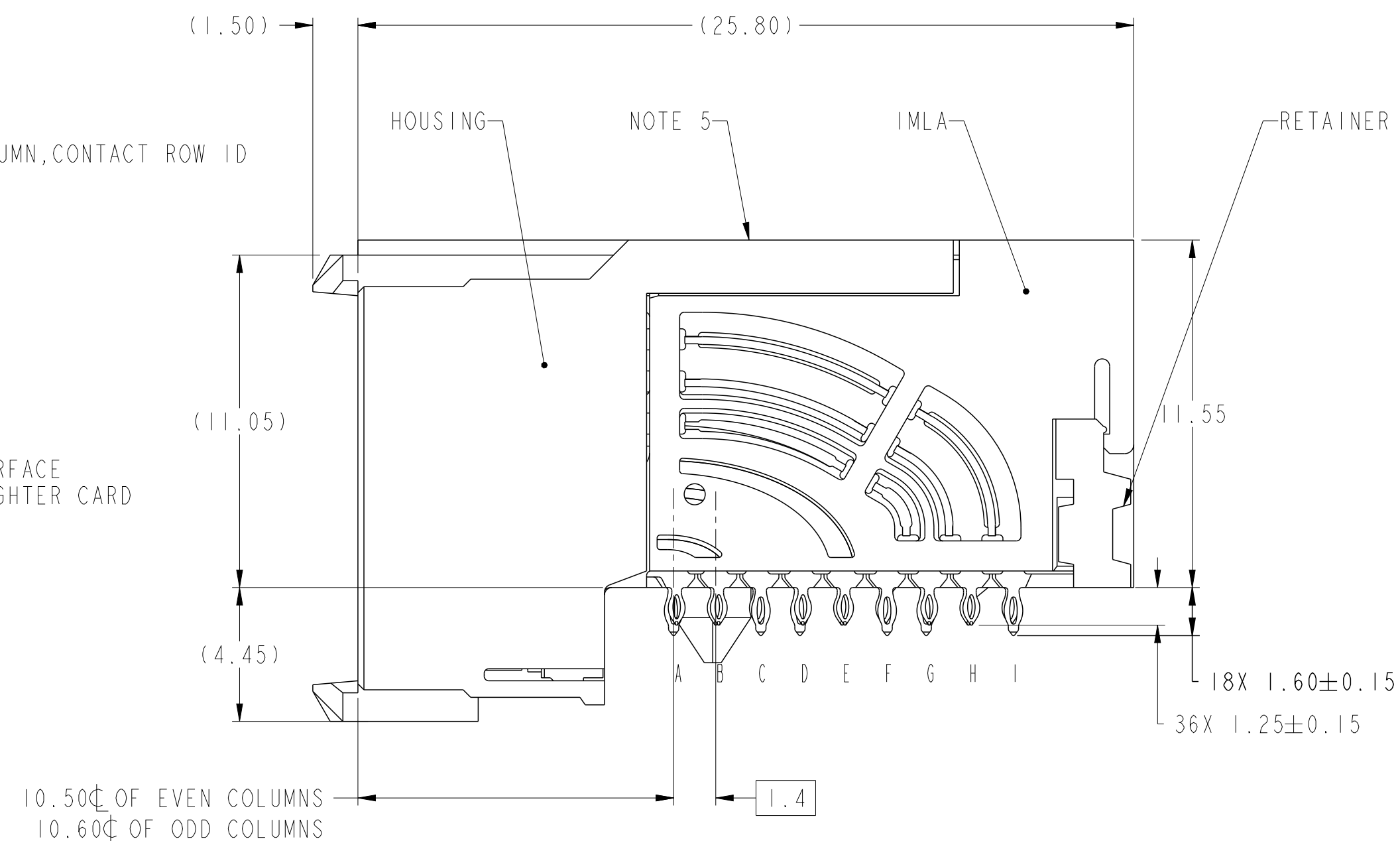
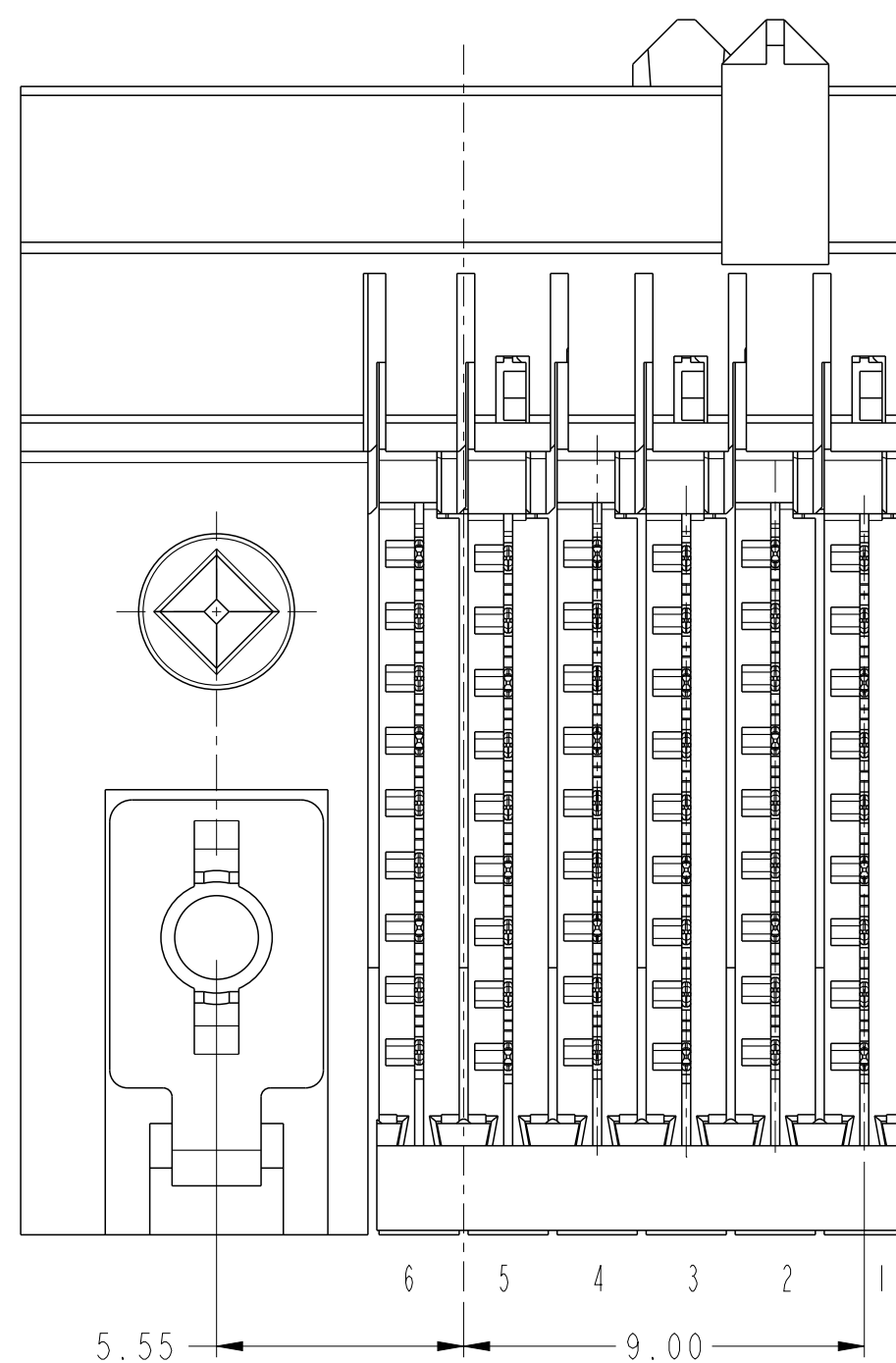
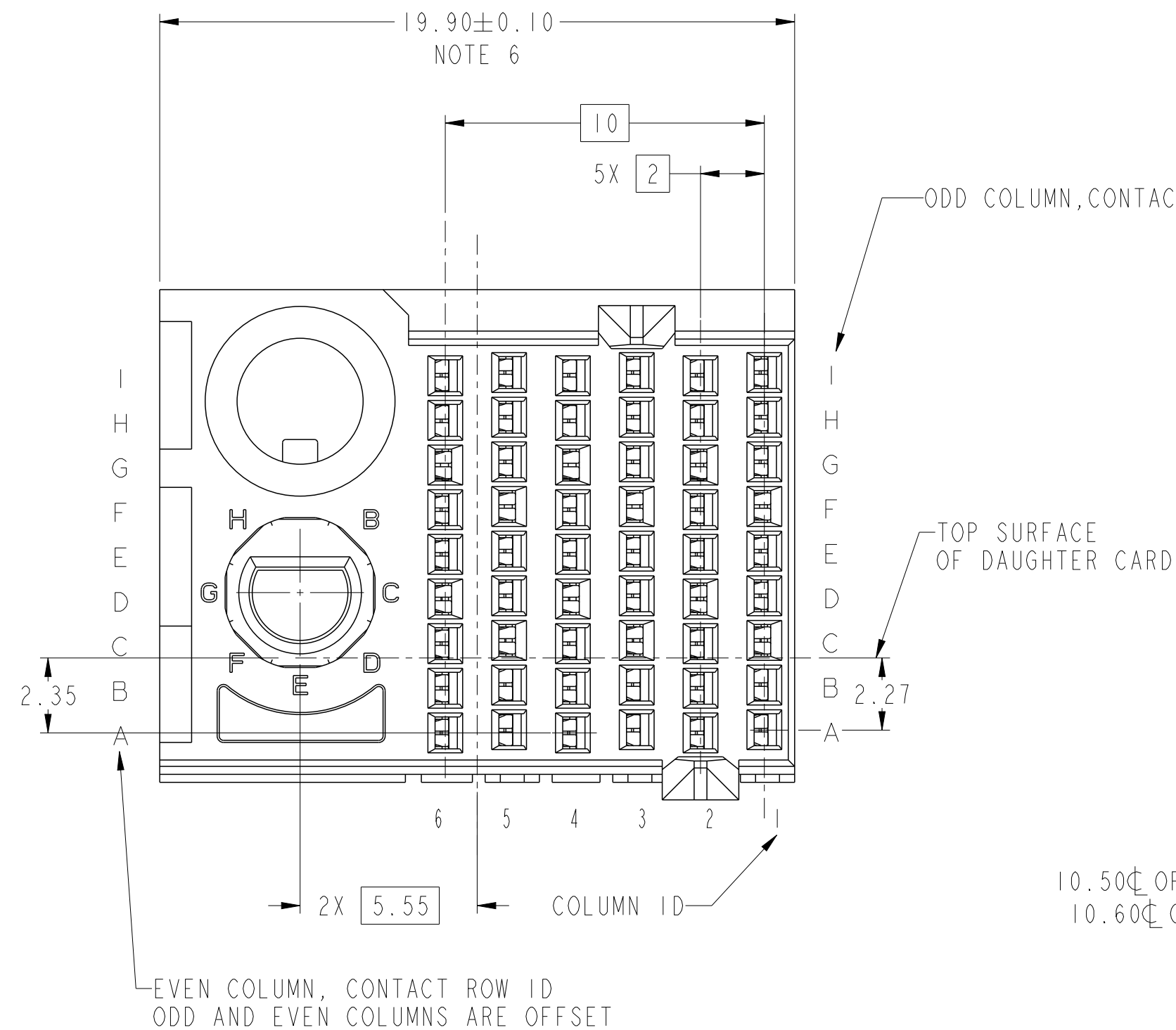


spec ref		---		dr	Jerry Ren	2015/05/15			size	A2	scale	8:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Jackie Chen	2016/06/03			ecn no	.		
ASME Y14.5M				chr	-	product family			AirMax VS2	rel level	Released	
				appr	Pei-Ming Zheng	2016/06/03						
	surface	linear	0.X	±.3		title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY	dwg no	10135261	rev	A	
			0.XX	±.15								
			0.XXX	±.050								
	angular	0°	±°	cat. no.								-

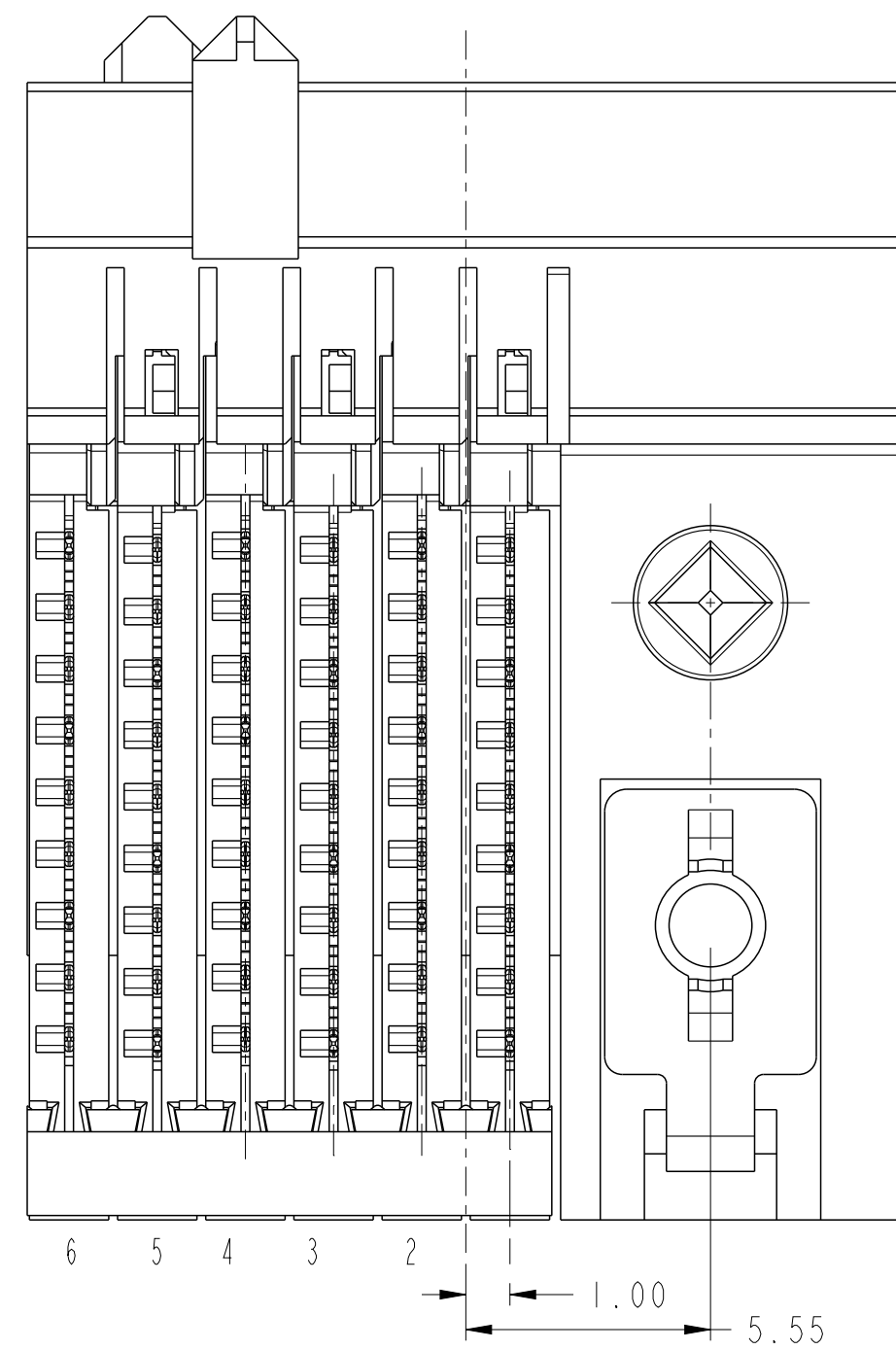
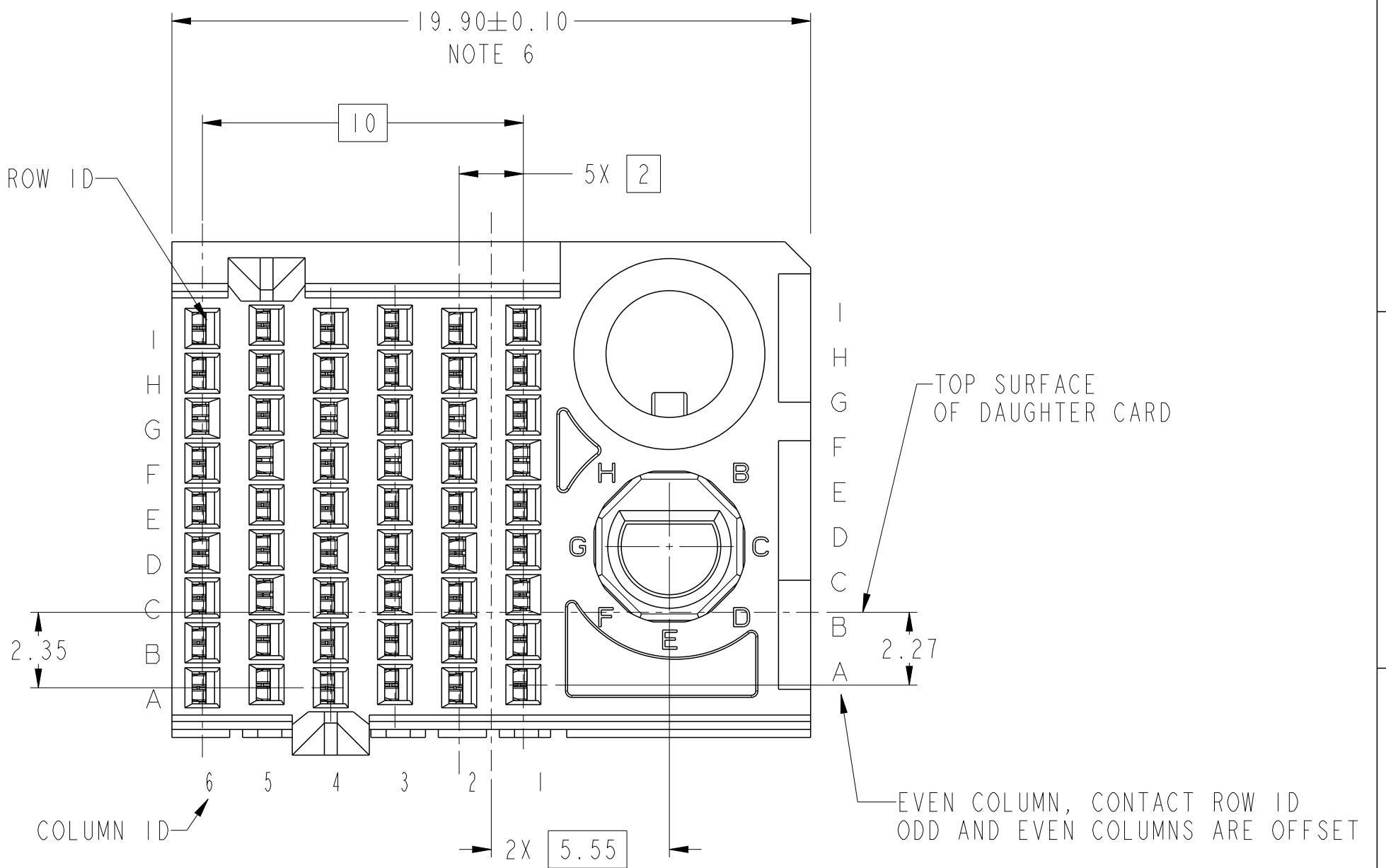
PDS: Rev :A

STATUS:Released

Printed: Jun 03, 2016



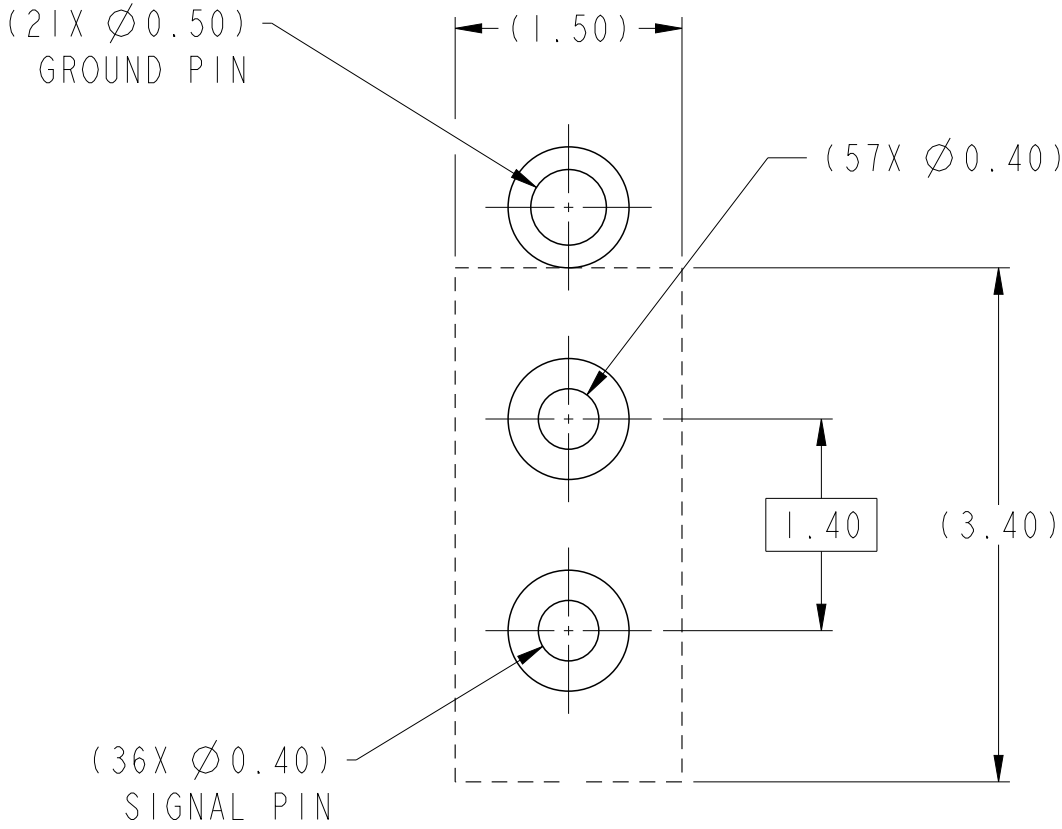
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ASME Y14.5M				chr		-		-													
				appr		Pei-Ming Zheng		2016/06/03		product family		AirMax VS2		rel level		Released					
surface - 		linear		0.X		±.3		Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10135261		rev		A	
				0.XX		±.15															
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		angular		0°		±°				cat. no.		-		Product - Customer Drw				sheet 2 of 4			



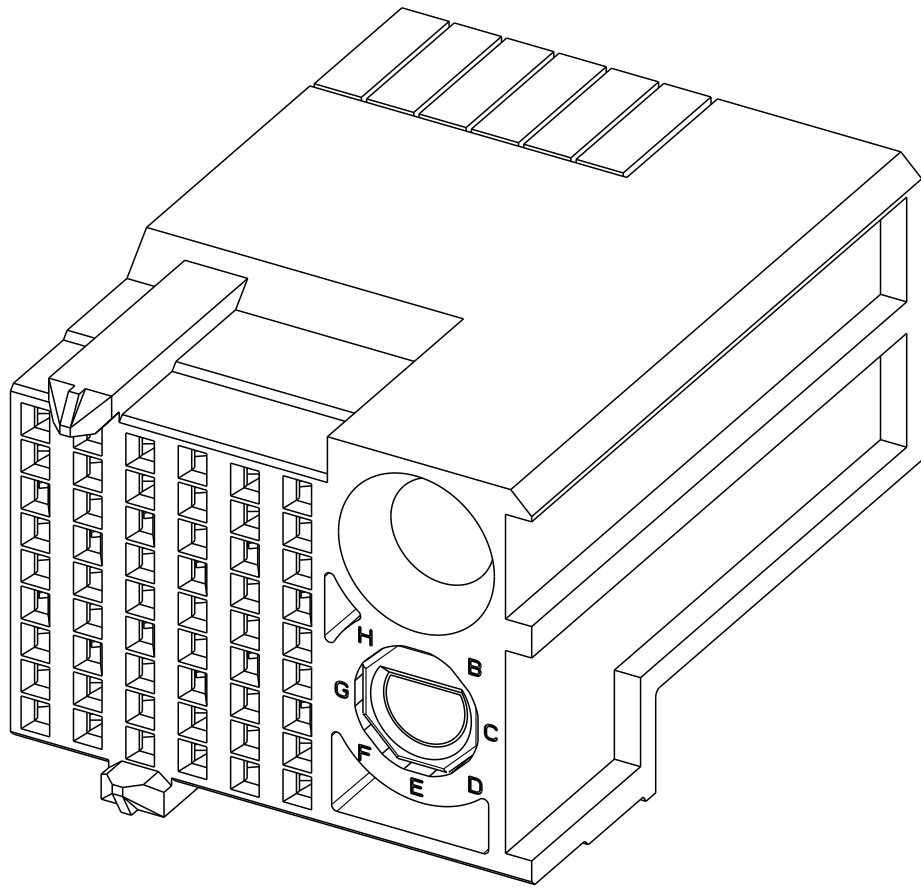
spec ref				dr		Jeny Ren		2015/05/15		projection		size		scale	
tolerance std				eng		Jackie Chen		2016/06/03				A2		8:1	
ASME Y14.5M				chr		-		-				ecn no		-	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr		Pei-Ming Zheng		2016/06/03		product family		AIRMAX VS2		rel level	
surface						linear		0.X		±.3		Amphenol		FCI	
												title		AIRMAX VS2 R.A. RECEPTACLE	
														dwg no	
														10135261	
														rev	
														A	
														cat. no.	
														-	
														Product-Customer Drw	
														sheet 3 of 4	
														0.XX	
														±.15	
														0.XXX	
														±.050	
														angular	
														±°	

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135261-10ALF	TIN OVER NICKEL (LEAD FREE)
10135261-10PLF	TIN OVER NICKEL (LEAD FREE)

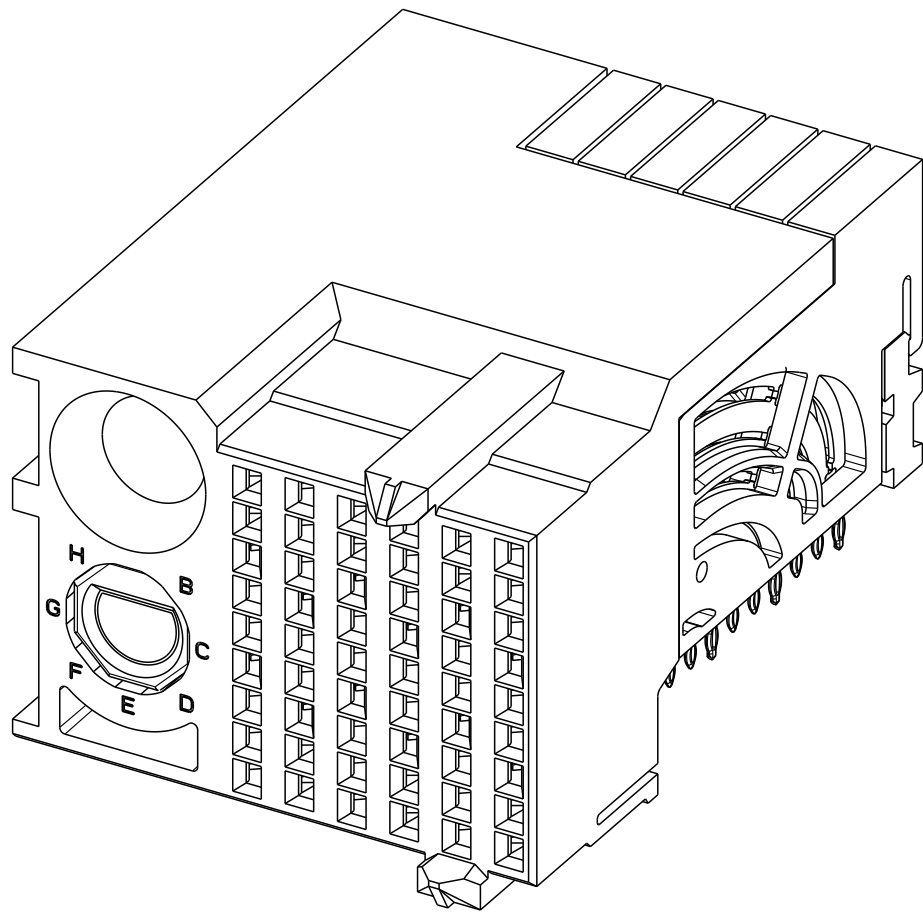
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS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



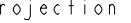
DETAIL A
SCALE 20:1



10135261 -10ALF



10135261-10PLF

spec ref		---		dr		Jeny Ren		2015/09/15		projection				MM		size		A2		scale		6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackie Chen		2016/06/03		chr		-		ecn no		-							
ASME Y14.5M				appr		Pei-Ming Zheng		2016/06/03		product family		AirMax VS2		rel level		Released							
surface - 		linear		0.X		±.3		Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10135261		rev		A			
				0.XX		±.15																	
				0.XXX		±.050																	
				angular		0°		±°		cat. no.		-		Product - Customer Drw		sheet 4 of 4							

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[10135261-10ALF](#) [10135261-10PLF](#) [10135261-10JLF](#) [10135261-10YLF](#)