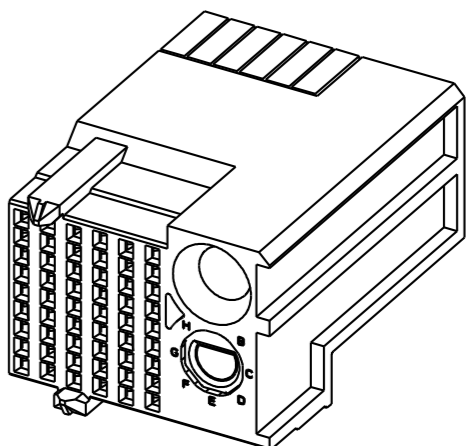
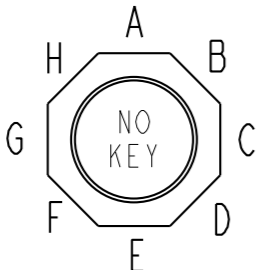
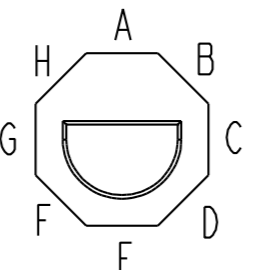
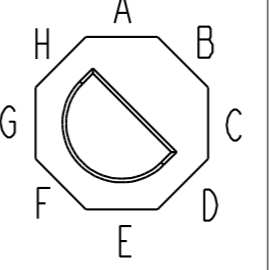
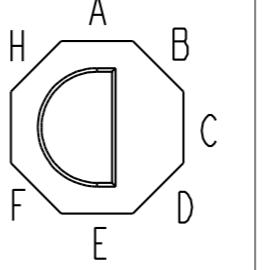
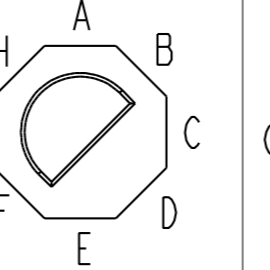
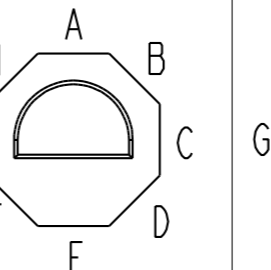
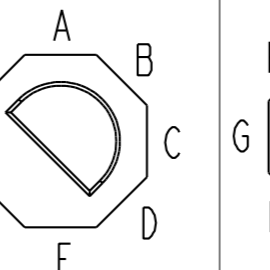
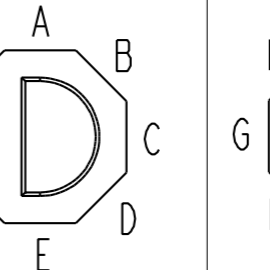
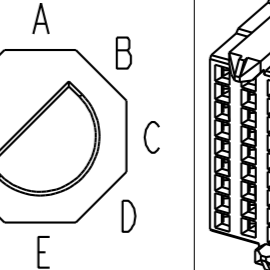
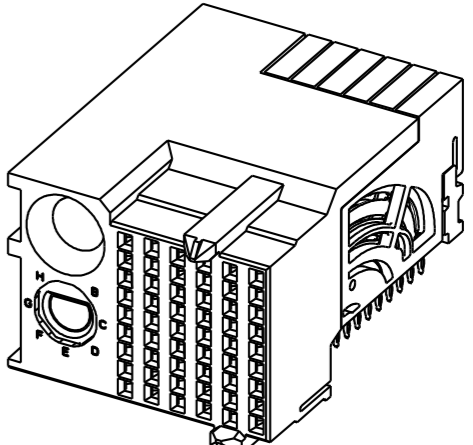
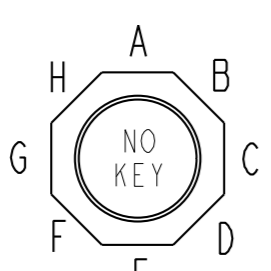
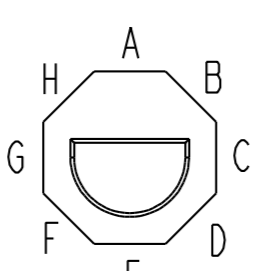
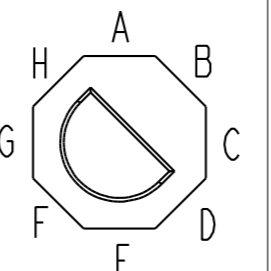
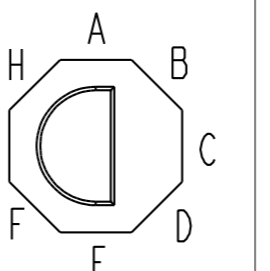
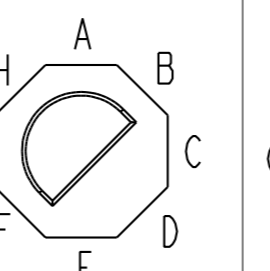
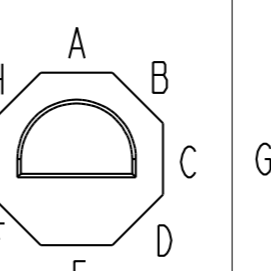
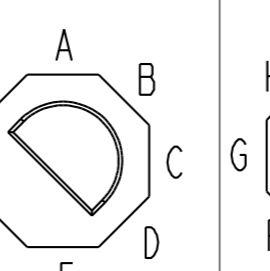
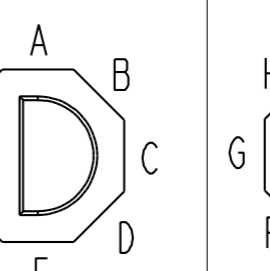
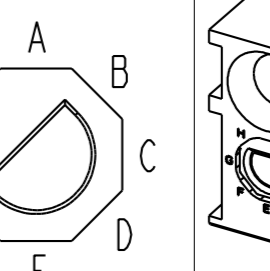


1 0 1 2 4 3 5 2 - 1 0 X L F

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

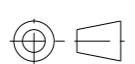
SEE NOTE 2

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 3)	N	J (NO KEY)	A	B	C	D	E	F	G	H	
	NO KEY NO GUIDE PIN										
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 2)	Z	Y (NO KEY)	P	Q	R	S	T	U	V	W	
	NO KEY NO GUIDE PIN										

Amphenol
FCi

© 2016 AFci

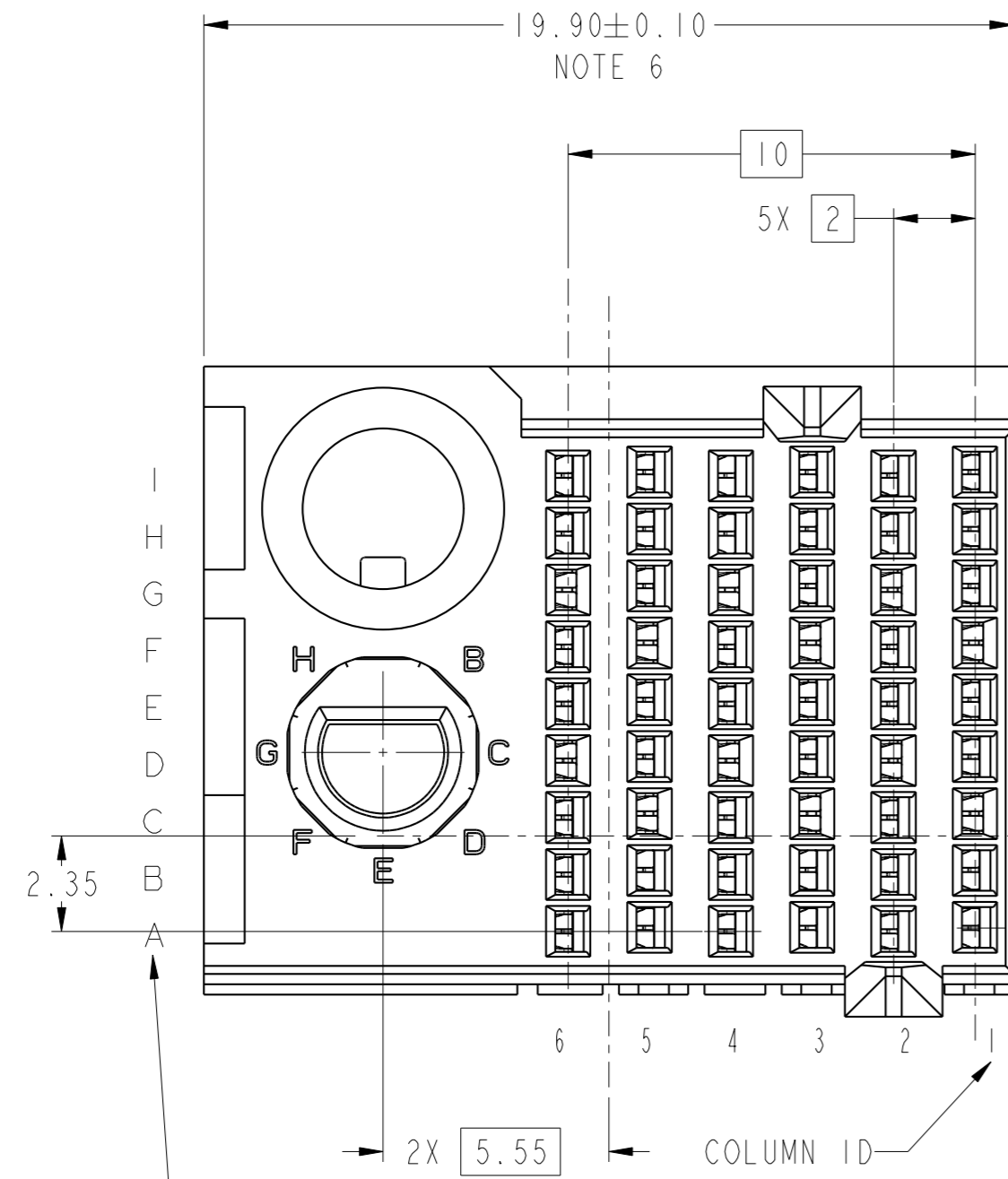
spec ref	---	dr	Sawanth, Ambaa	2013/03/01	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/03/11		←	ecn no	ELX-DG-32840-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Heaven Cen	2019/03/13	product family	AirMax VS2
surface	- ✓	linear	0.X	±.3	Amphenol FCi	TITLE	AIRMAX VS2 R.A. RECEPTACLE			
			0.XX	±.15			cat. no.	-	Product - Customer Drw	sheet 1 of 4
			0.XXX	±.050						
angular	0°	±°	ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY	rel level	Released	rev	E			

PDS: Rev :E

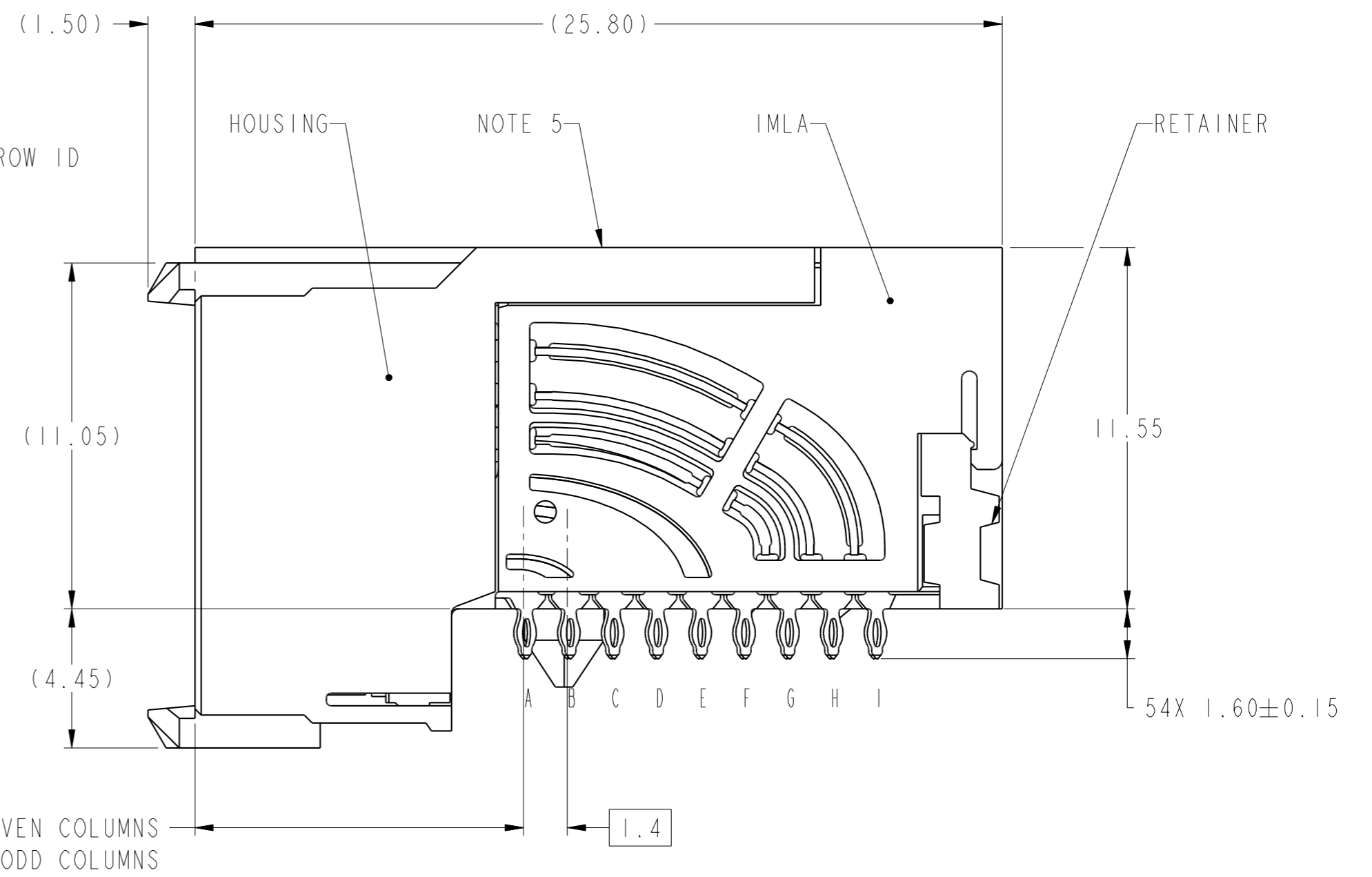
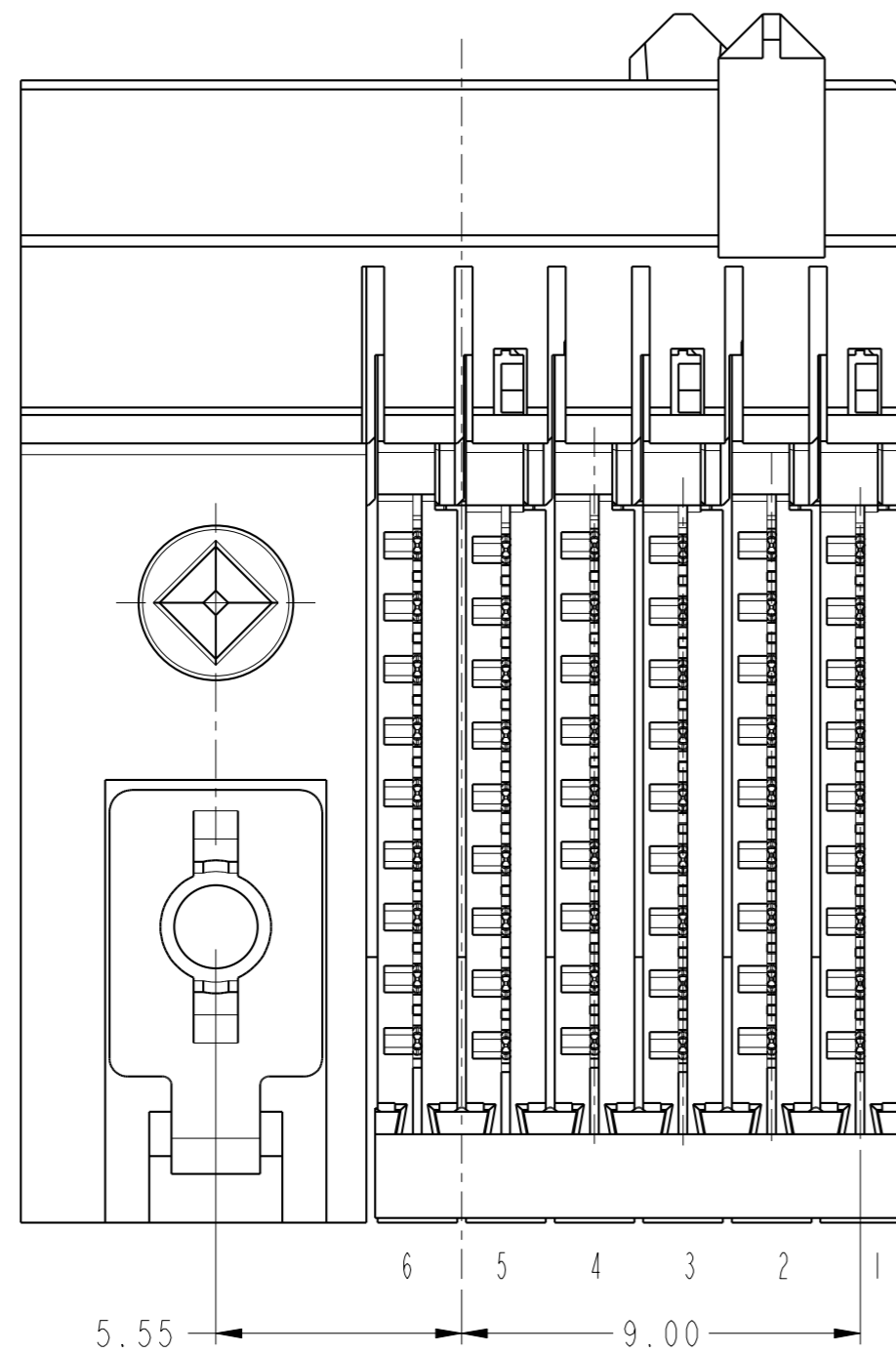
STATUS:Released

Printed: Mar 15, 2019

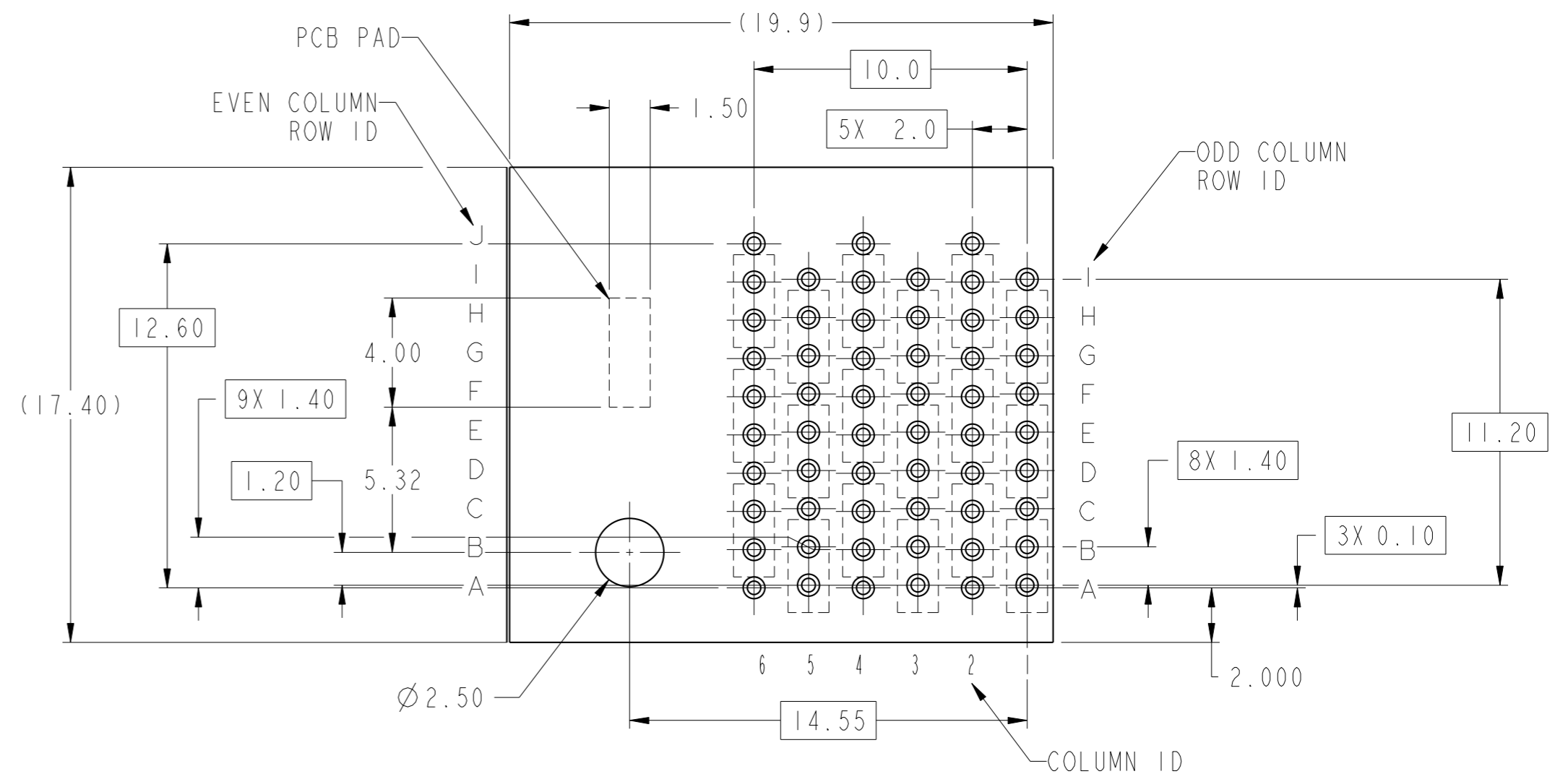
LEFT POLARIZATION WITH GUIDE



EVEN COLUMN, CONTACT ROW ID
 ODD AND EVEN COLUMNS ARE OFFSET



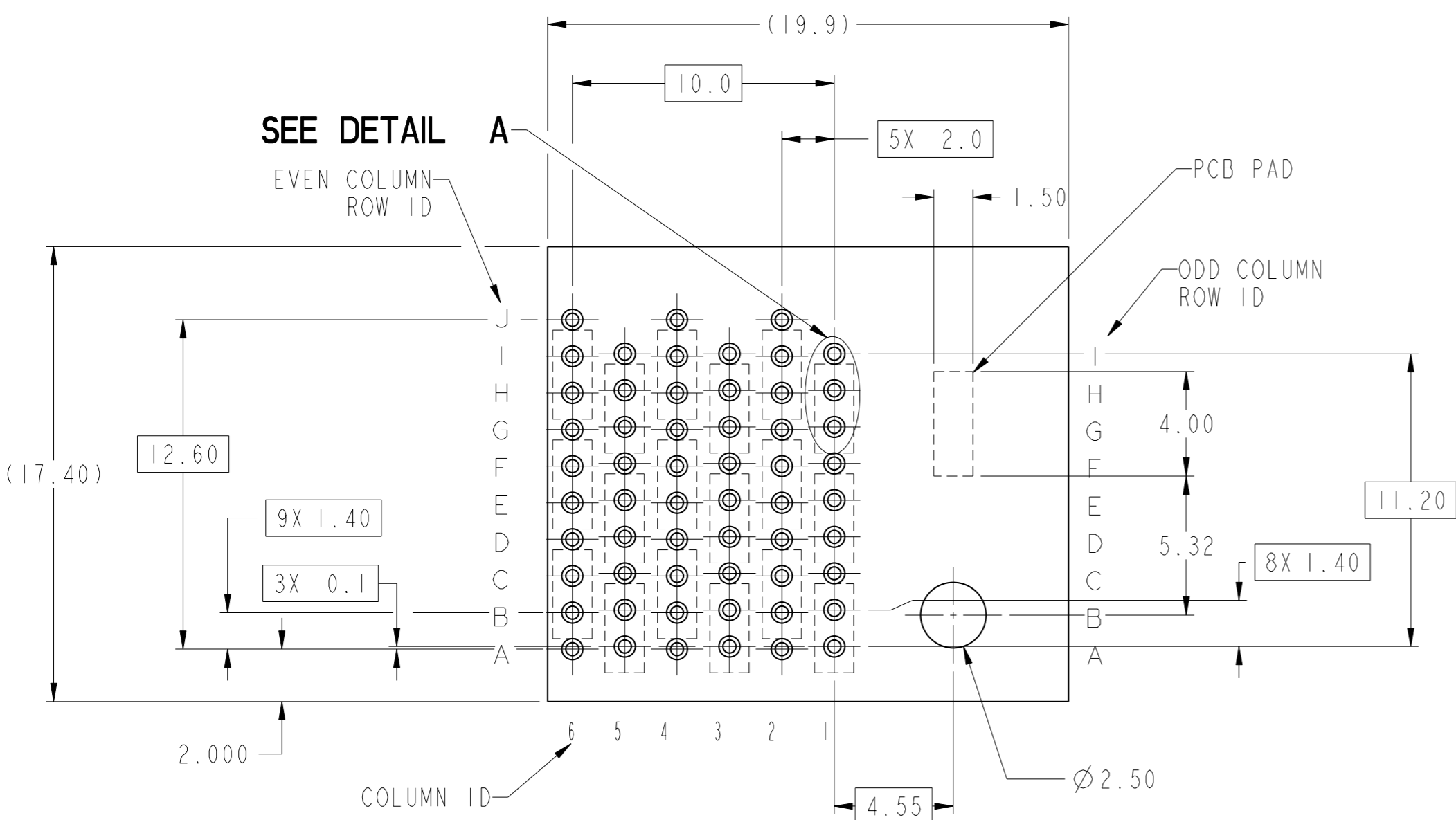
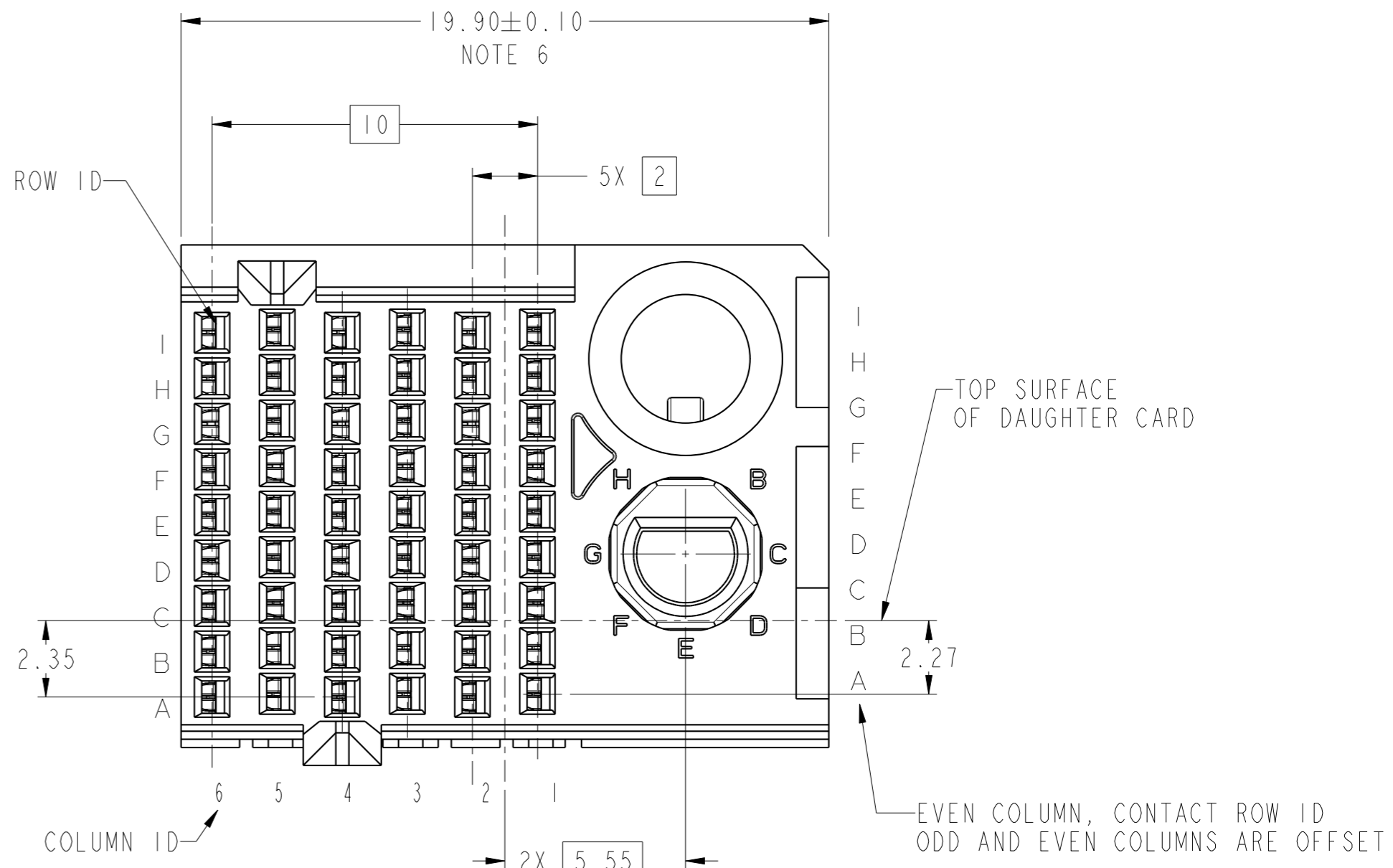
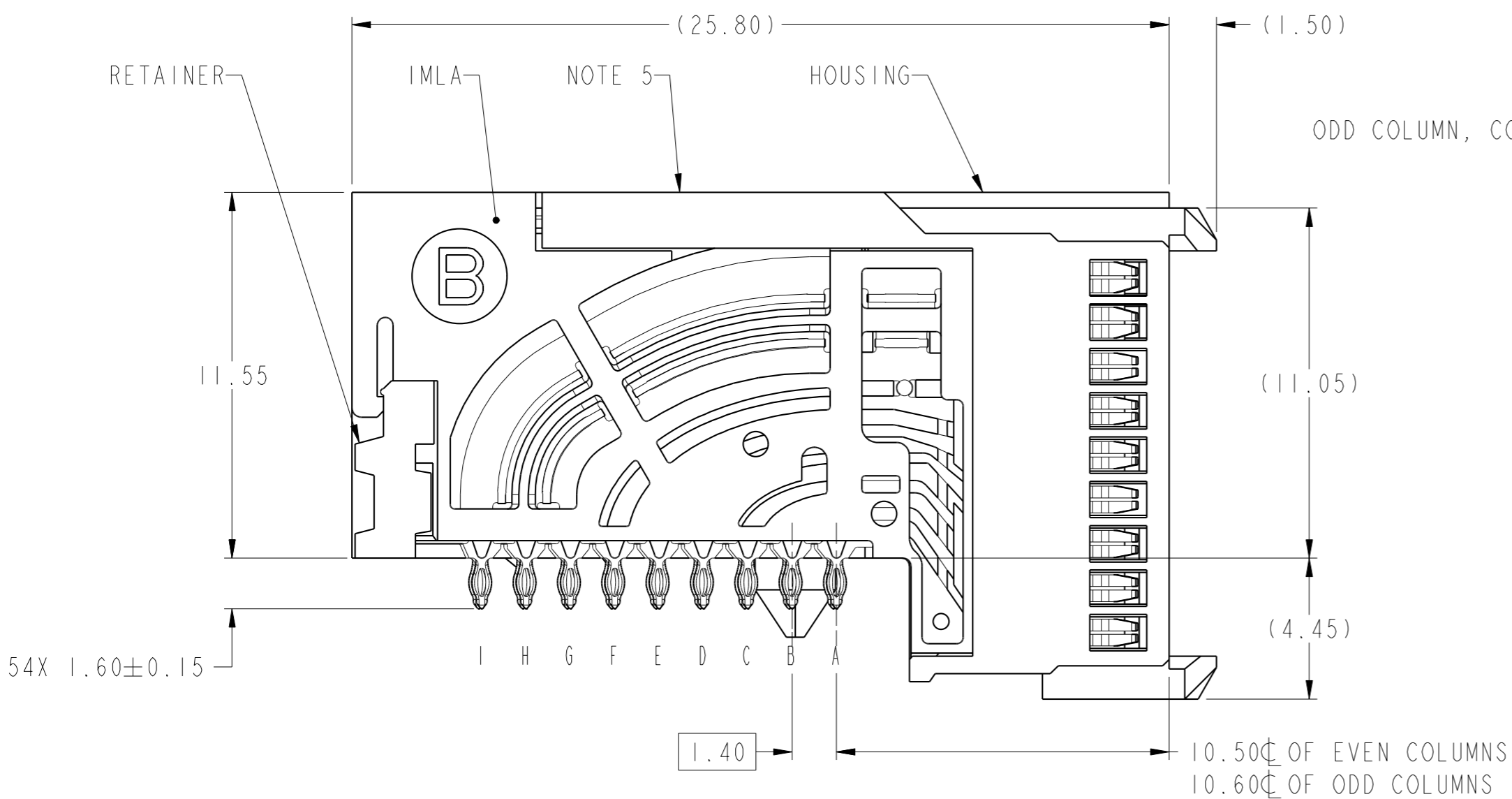
10.50 ϕ OF EVEN COLUMNS
 10.60 ϕ OF ODD COLUMNS



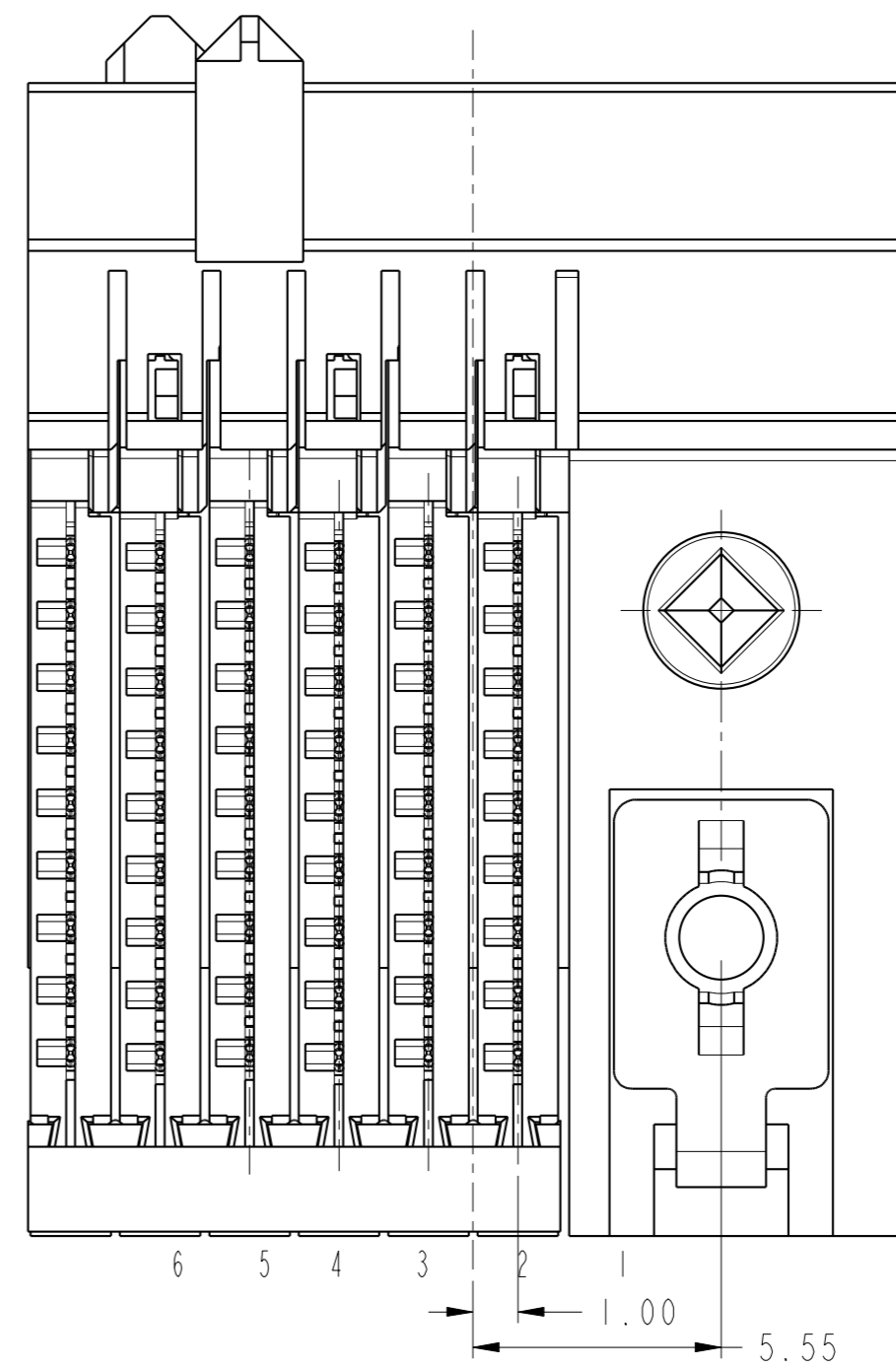
RECOMMENDED PCB LAYOUT

spec ref	---	dr	Sawanth, Ambaa	2013/03/01	projection	MM	size	A2	scale	6:1	
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/03/11			ecn no	ELX-DG-32840-1	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app							Heaven Cen
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 10124352	rev E	cat. no. -	Product - Customer Drw	sheet 2 of 4
			0.XX	±.15							
			0.XXX	±.050							
		angular	0°	±°							

RIGHT POLARIZATION WITH GUIDE



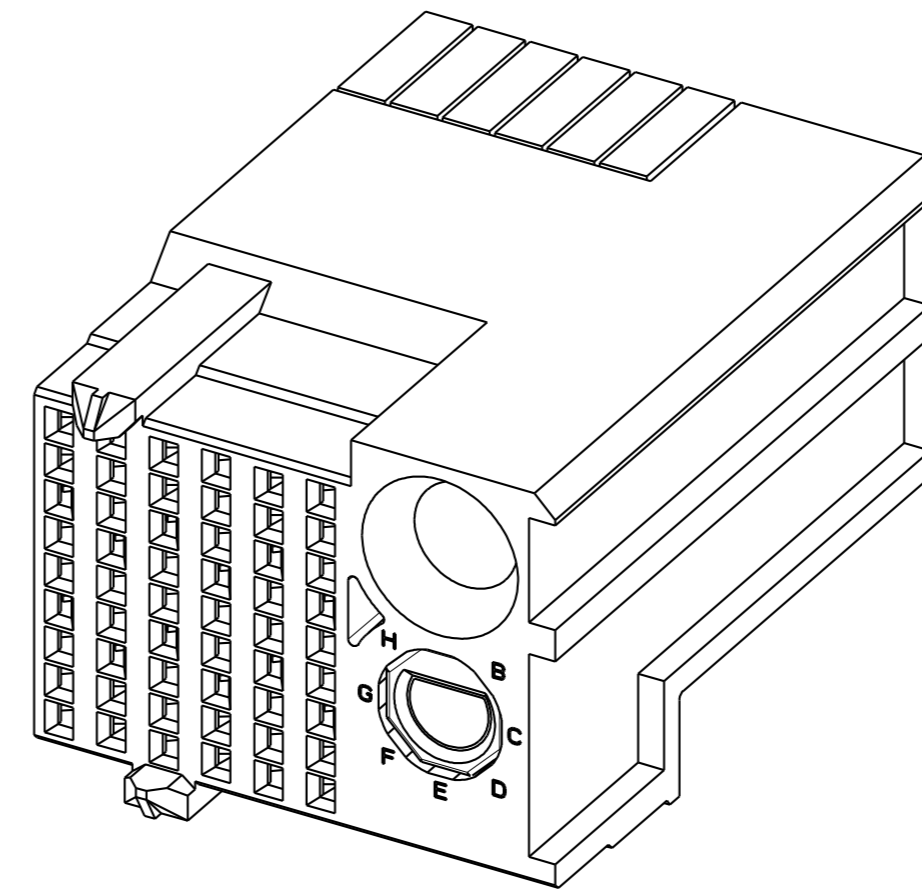
RECOMMENDED PCB LAYOUT



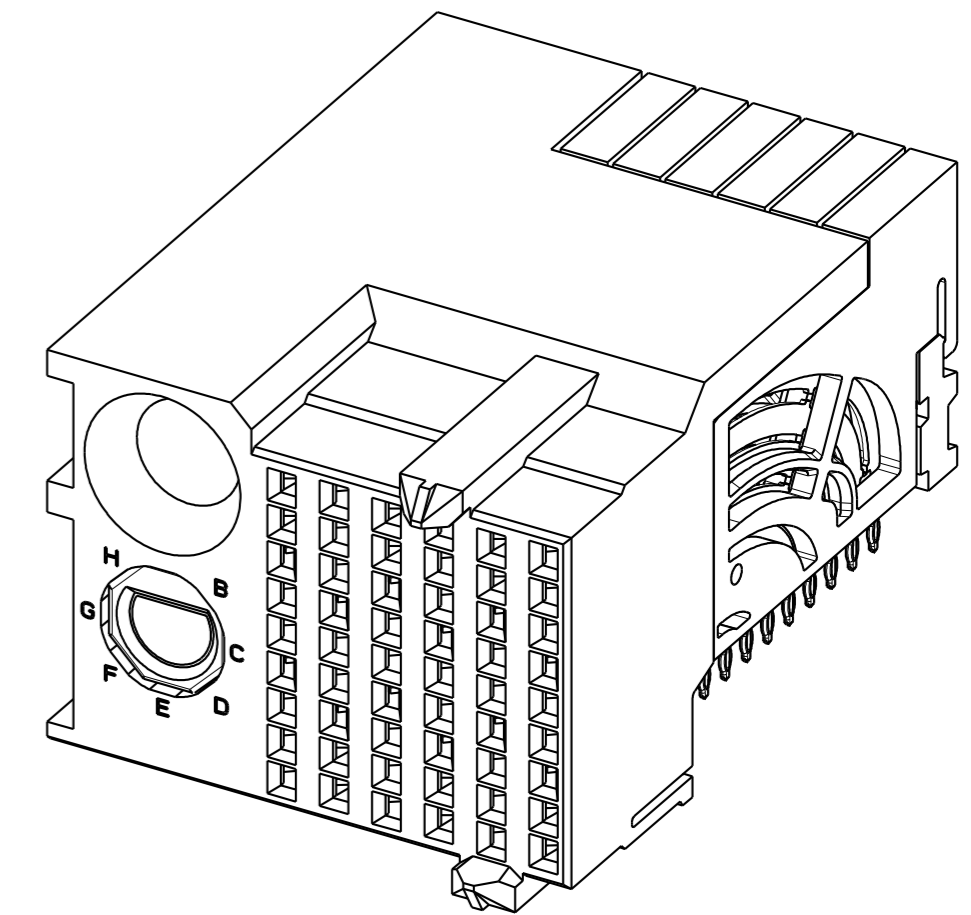
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tolerance std	ASME Y14.5M	eng	Terry Luo	2019/03/11			ecn no	ELX-DG-32840-1	rel level Released	rev E
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			AIRMAX VS2			
surface	linear 0.X ±.3 0.XX ±.15 0.XXX ±.050 angular 0° ±°	appr	Heaven Cen	2019/03/13			title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY		
		cat. no.			Product - Customer Draw					

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10124352-10A	TIN/LEAD ALLOY OVER NICKEL
10124352-10ALF	TIN OVER NICKEL (LEAD FREE)
10124352-10P	TIN/LEAD ALLOY OVER NICKEL
10124352-10PLF	TIN OVER NICKEL (LEAD FREE)

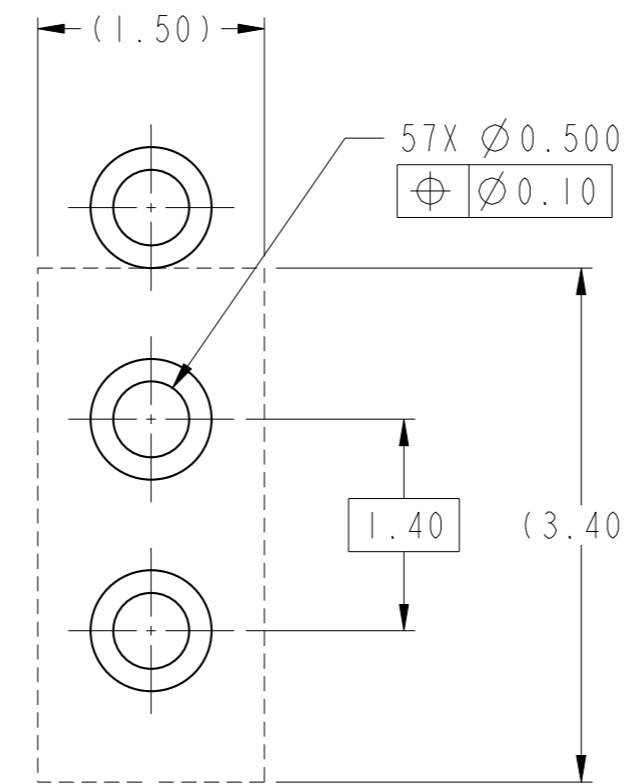
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS 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 (Ø0.500) 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.



10124352-10A OR -10ALF



10124352-10P OR -10PLF



DETAIL A
SCALE 20:1

spec ref	---	dr	Sawanth, Ambaa	2013/03/01	projection	MM	size	A2	scale	6:1		
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/03/11			ecn no	ELX-DG-32840-1				
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Heaven Cen	2019/03/13	product family	AirMax VS2		
surface	linear	0.X	±.3		TITLE		AIRMAX VS2 R.A. RECEPTACLE		dwg no 10124352	rev E		
		0.XX	±.15		ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY		cat. no.				Product - Customer Drw	
		0.XXX	±.050		sheet 4 of 4		STATUS:Released				Printed: Mar 15, 2019	
	angular	0°	±°	PDS: Rev :E		STATUS:Released		Printed: Mar 15, 2019				