

10135262 - 10X LF

LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES

SEE NOTE 2

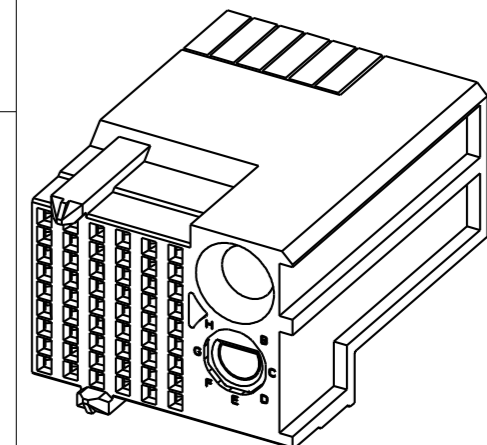
MODULE DESCRIPTION

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE MODULE

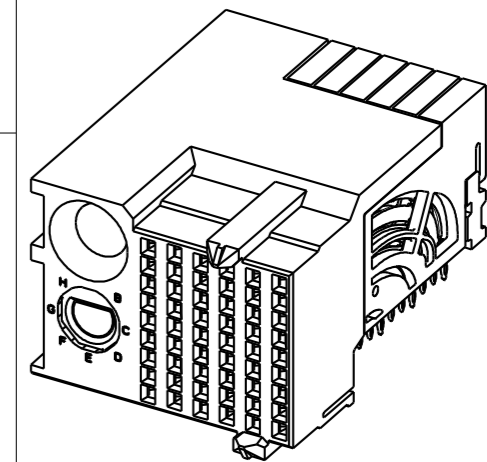
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 3)

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									

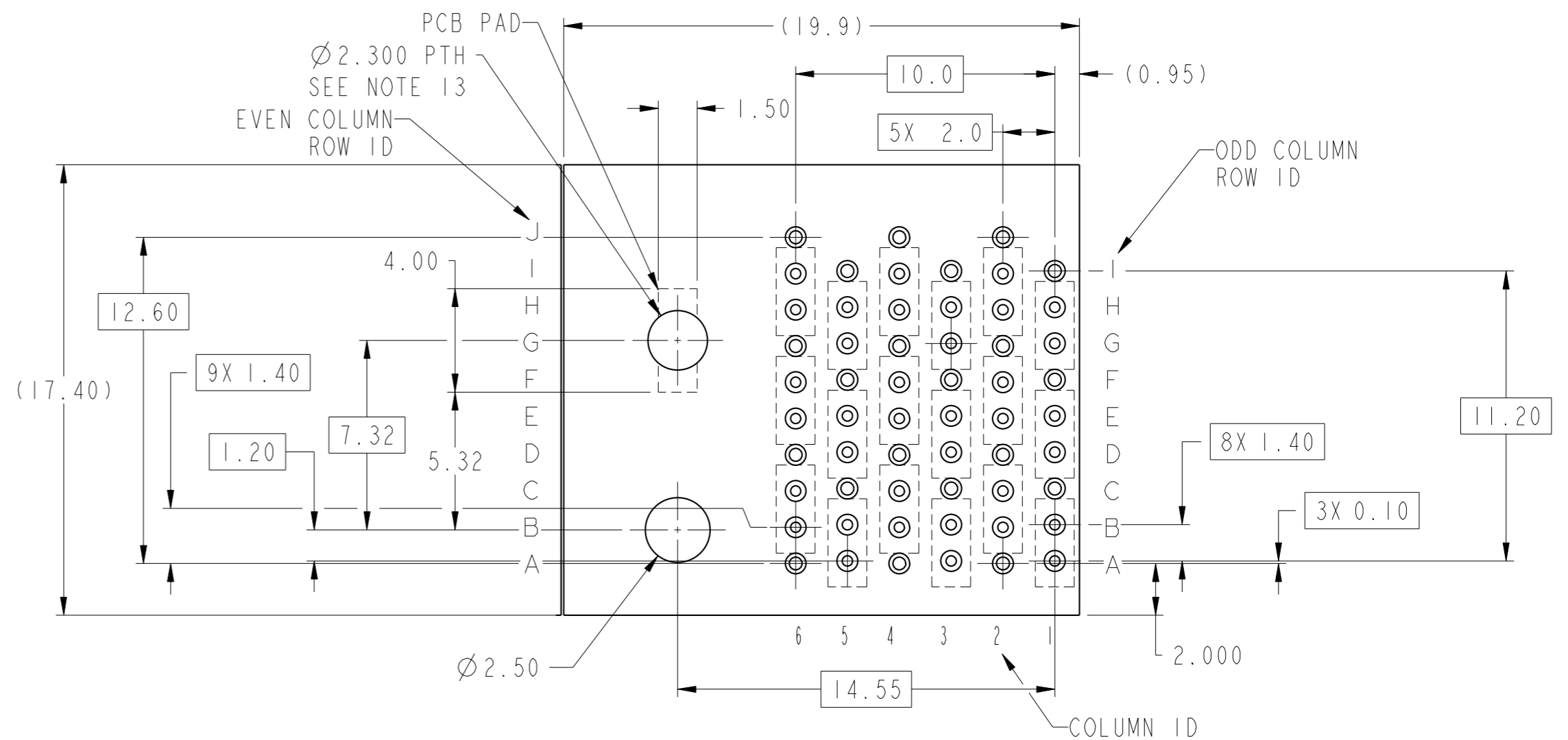
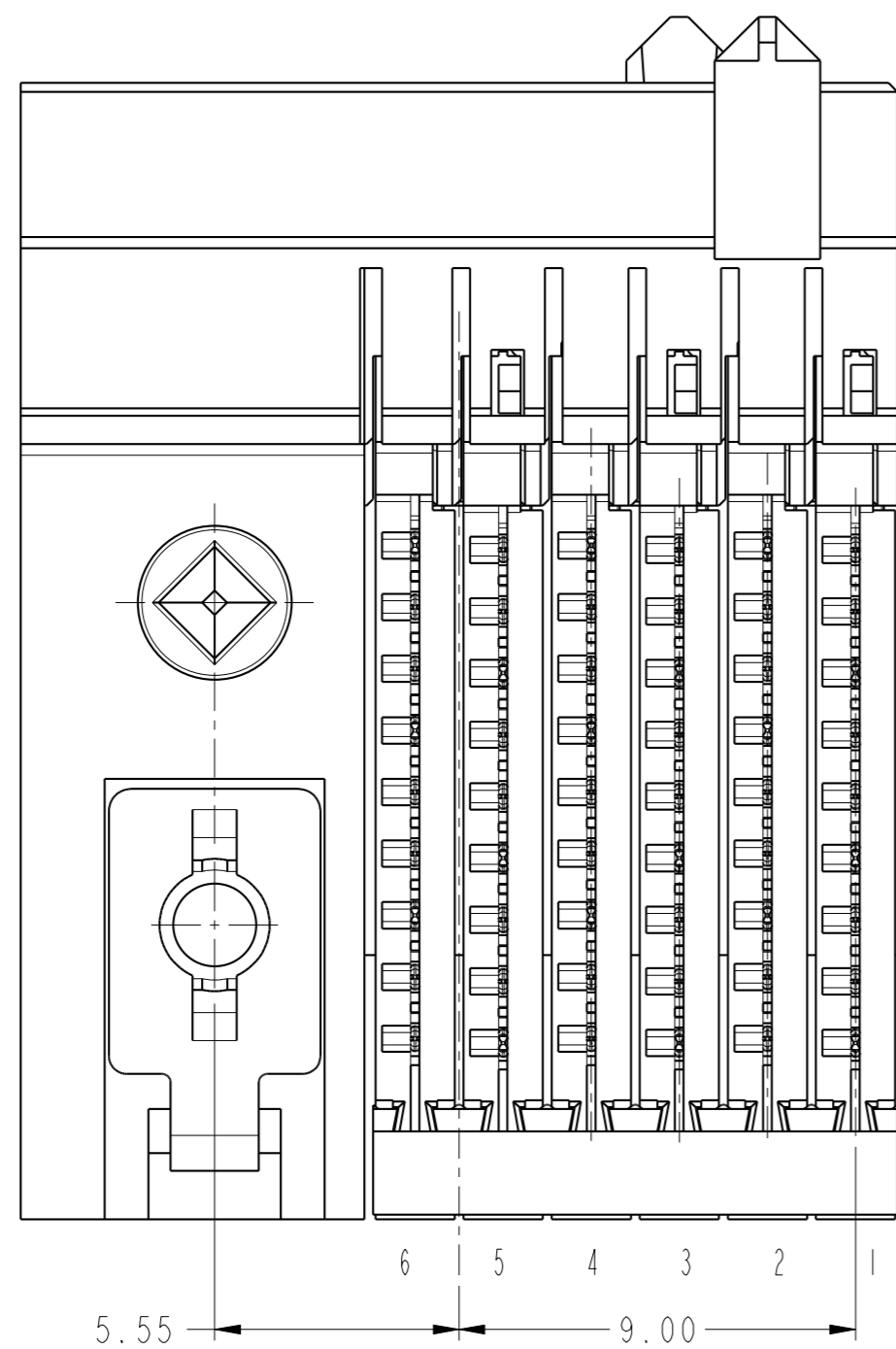
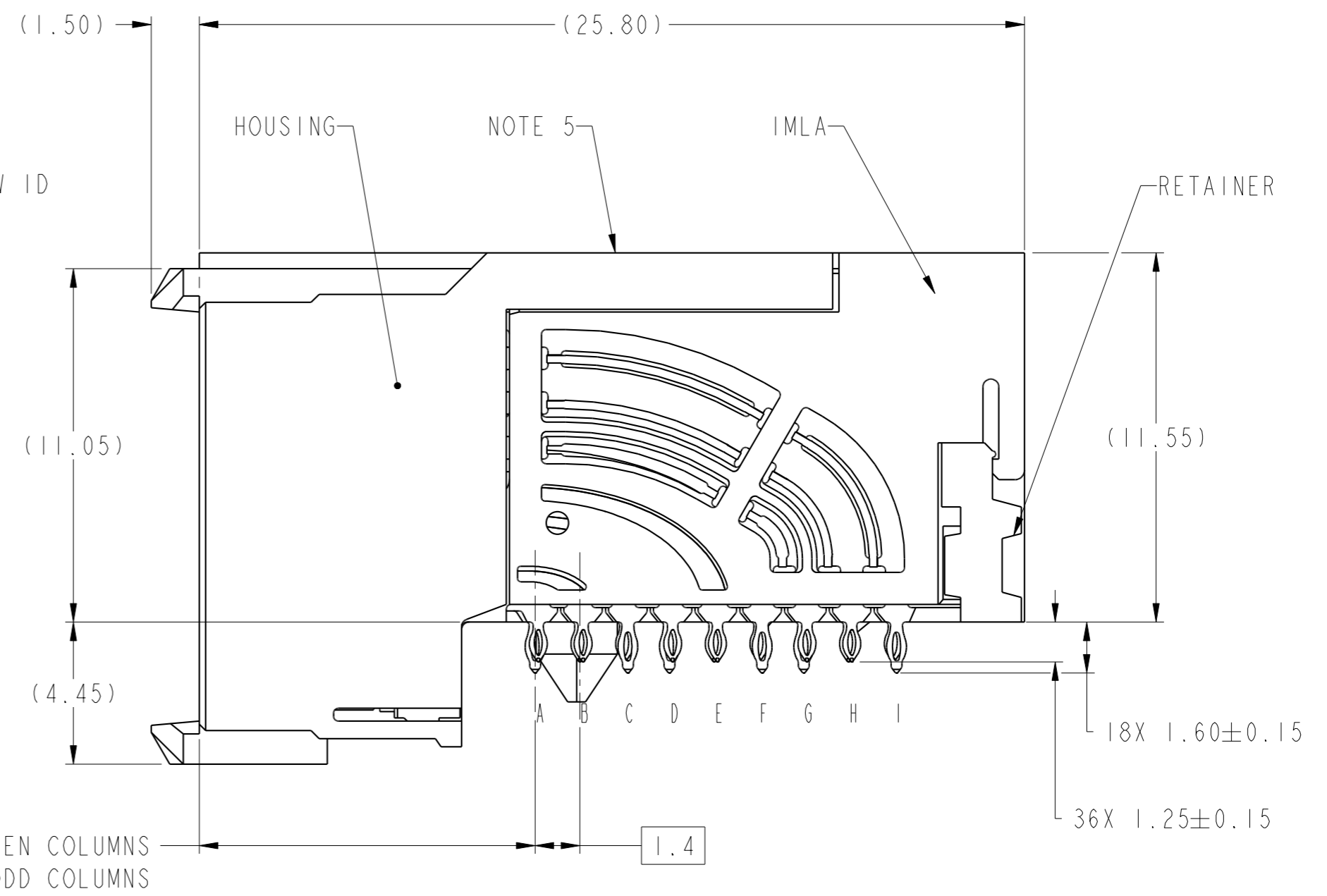
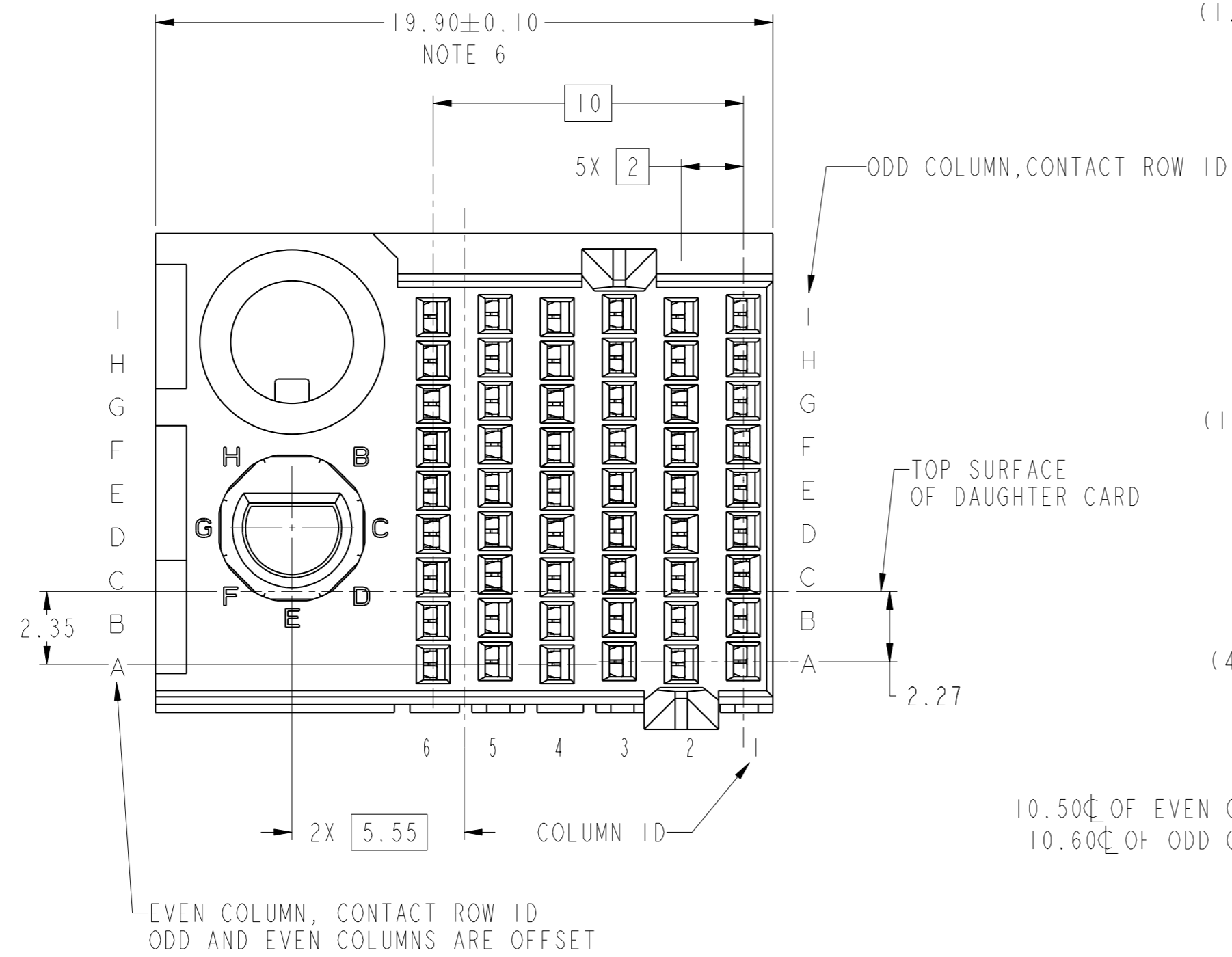


spec ref	---	dr	Jeny Ren	2015/05/20	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/03/11			ecn no	ELX-DG-32840-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Heaven Cen	2019/03/13		product family
surface	- ✓	linear	0.X	±.3		AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY	dng no 10135262	rev B		
			0.XX	±.15						
			0.XXX	±.050						
		angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 1 of 4		

Amphenol FCI

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LEFT POLARIZATION WITH GUIDE



RECOMMENDED PCB LAYOUT

spec ref	---	dr	Jeny Ren	2015/05/20	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	rel level	Released
surface	-	linear	0.X	±.3			product family	AirMax VS2		
			0.XX	±.15			title	AIRMAX VSE R.A. RECEPTACLE		
			0.XXX	±.050			part no	10135262		
		angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 2 of 4		

PDS: Rev :B

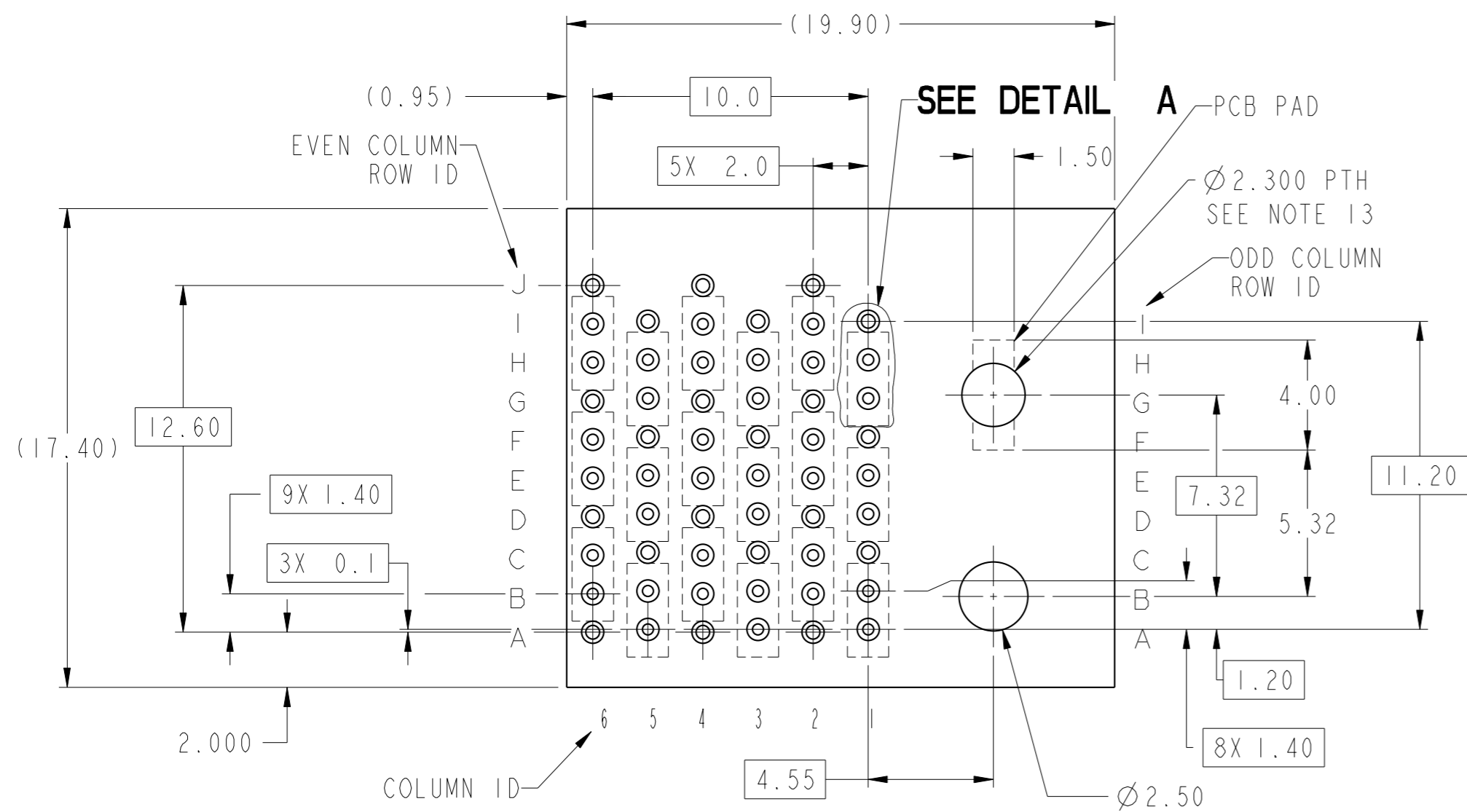
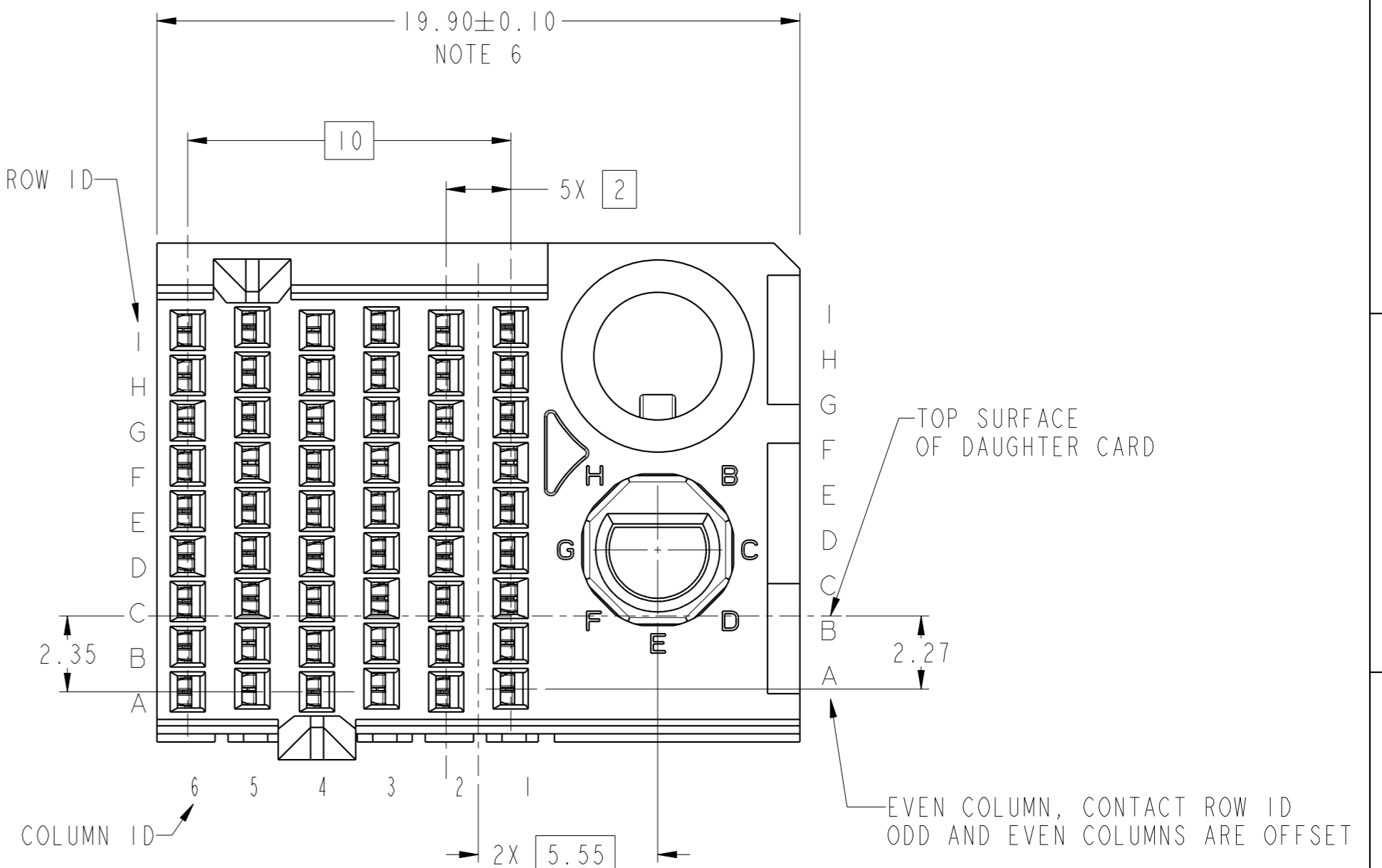
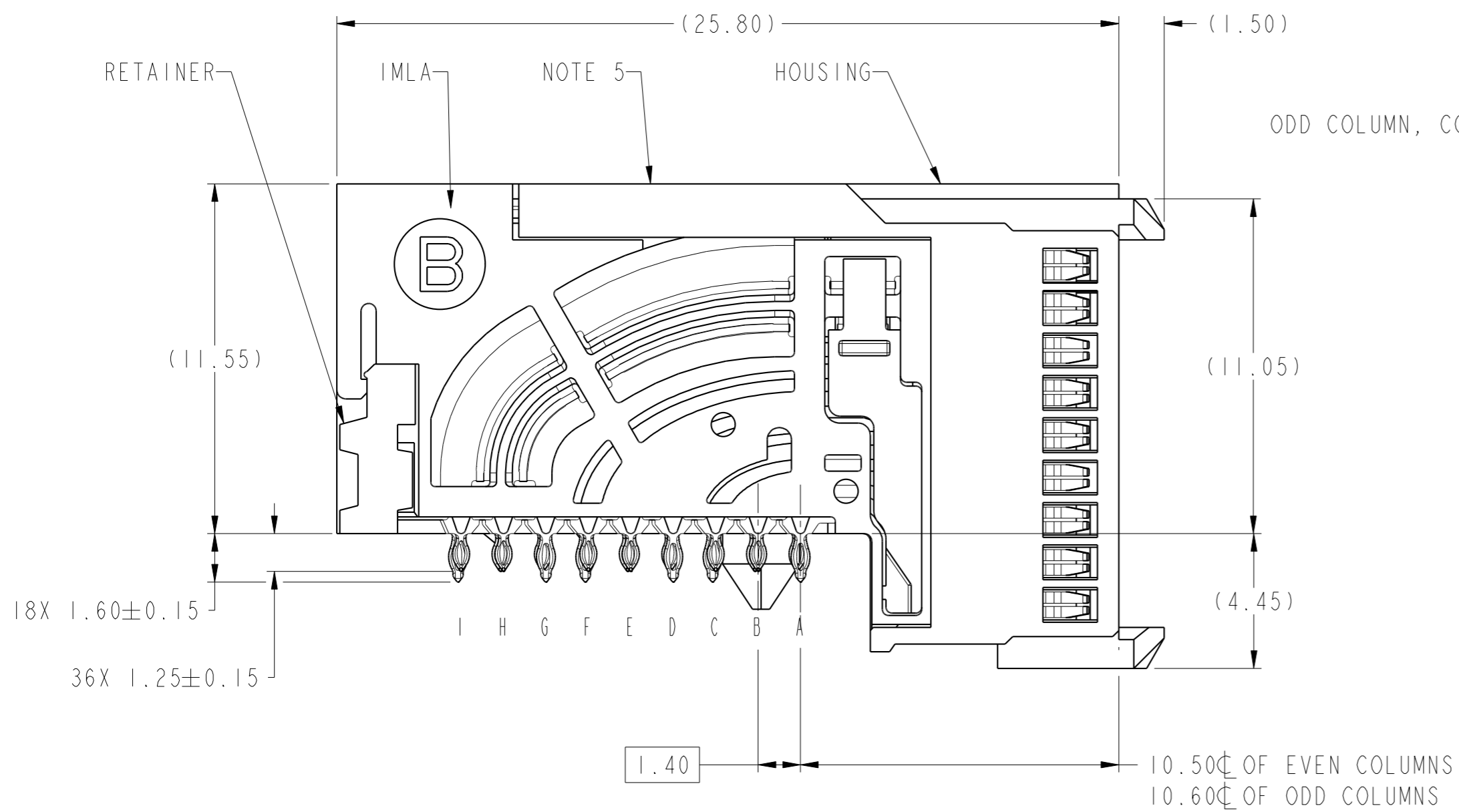
STATUS:Released

Printed: Mar 15, 2019

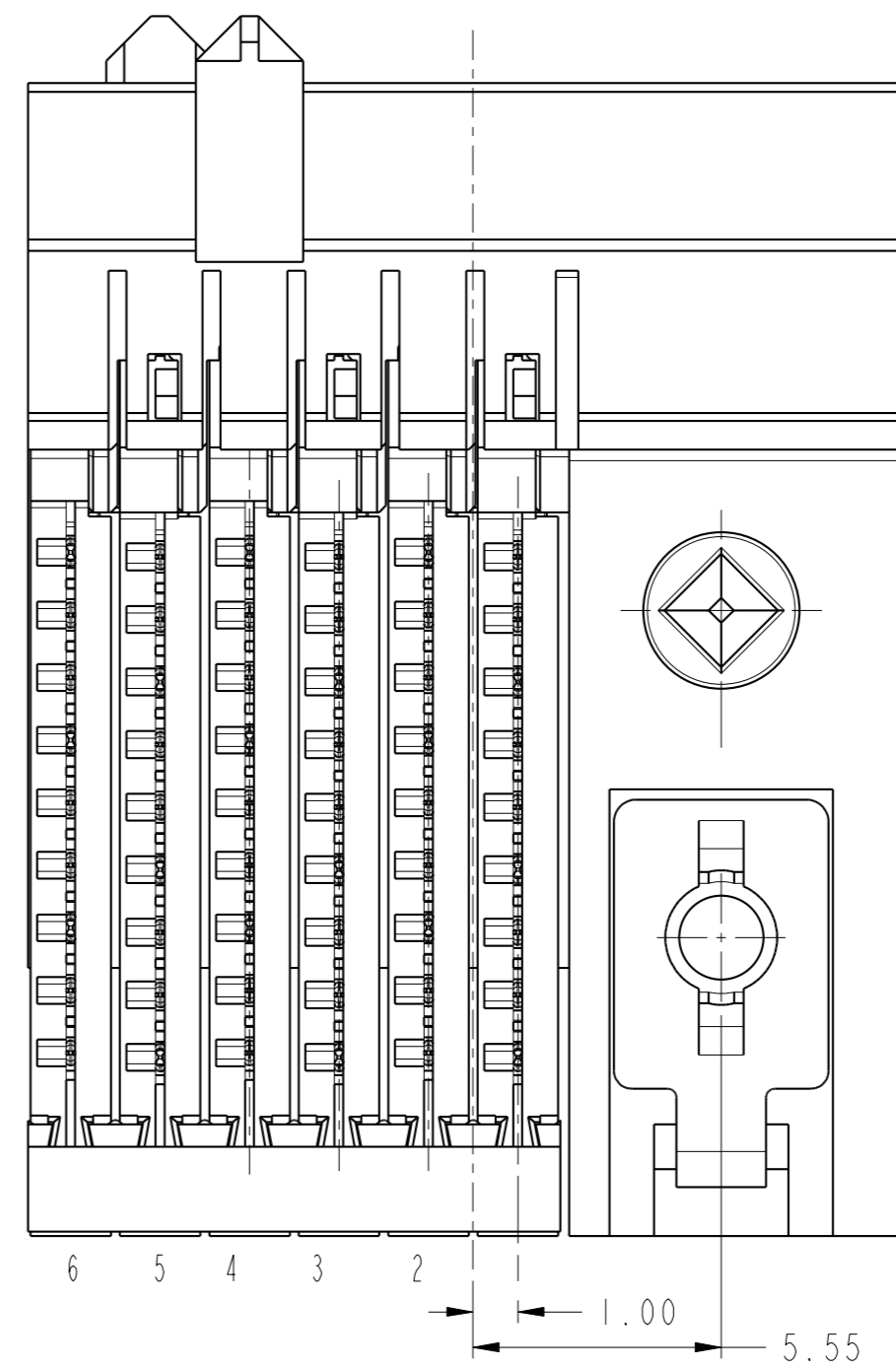
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RIGHT POLARIZATION WITH GUIDE



RECOMMENDED PCB LAYOUT



spec ref	---	dr	Jeny Ren	20150520	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Terry Luo	20190311	chr	-	ecn no	ELX-DG-32840-1	rel level	Released	
surface	✓	appr	Heaven Cen	20190313	product family	AIRMAX VS2	title	AIRMAX VSE R.A. RECEPTACLE	cat. no.	10135262	
							ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY	Product - Customer Drw	sheet 3 of 4	rev	B

PDS: Rev :B

STATUS:Released

Printed: Mar 15, 2019

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135262-10*LF	TIN OVER NICKEL (LEAD FREE)

A

B

C

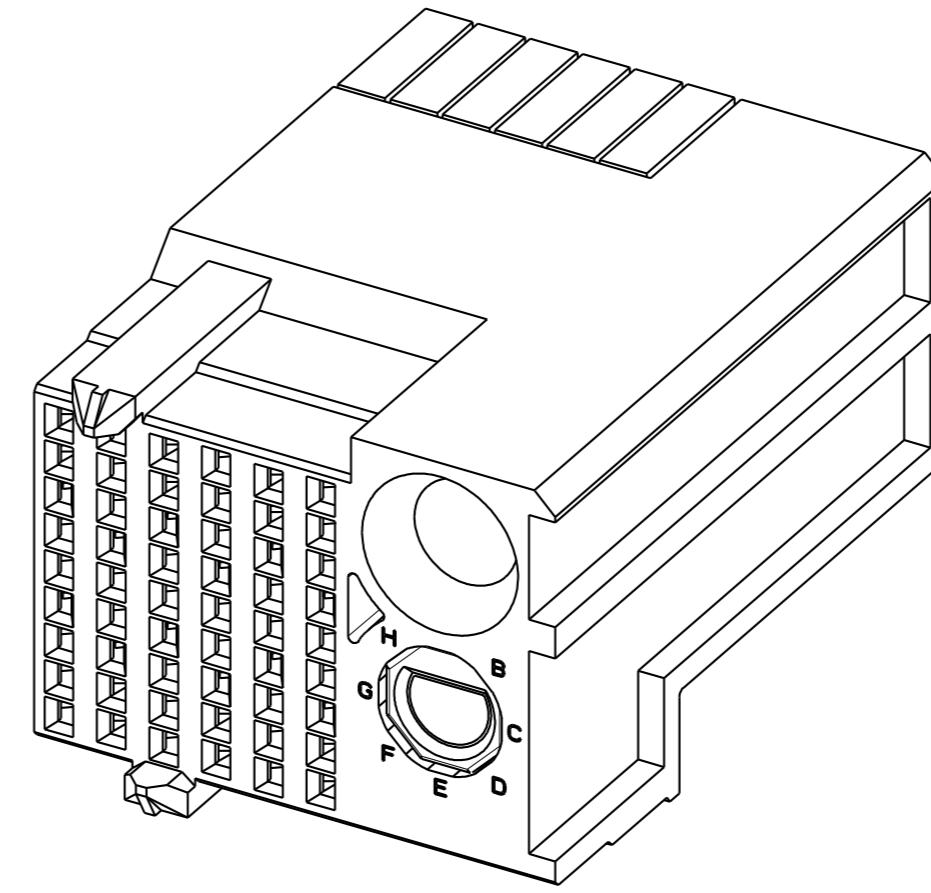
D

E

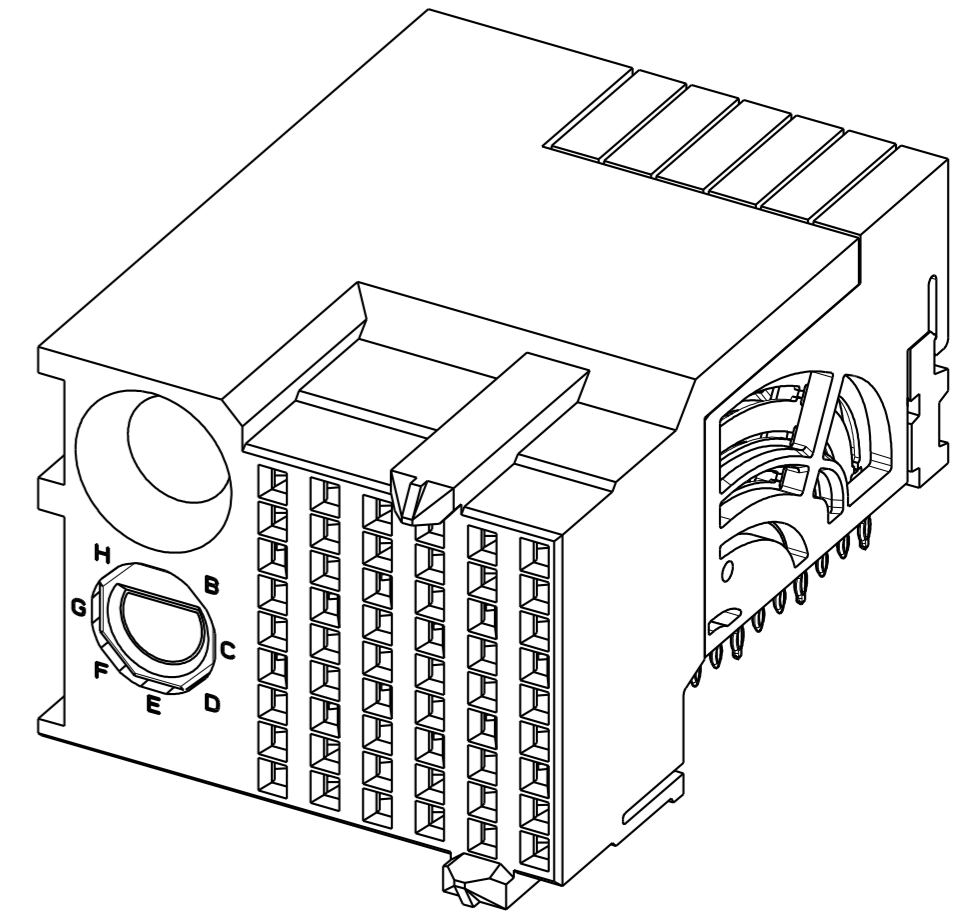
F

- 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

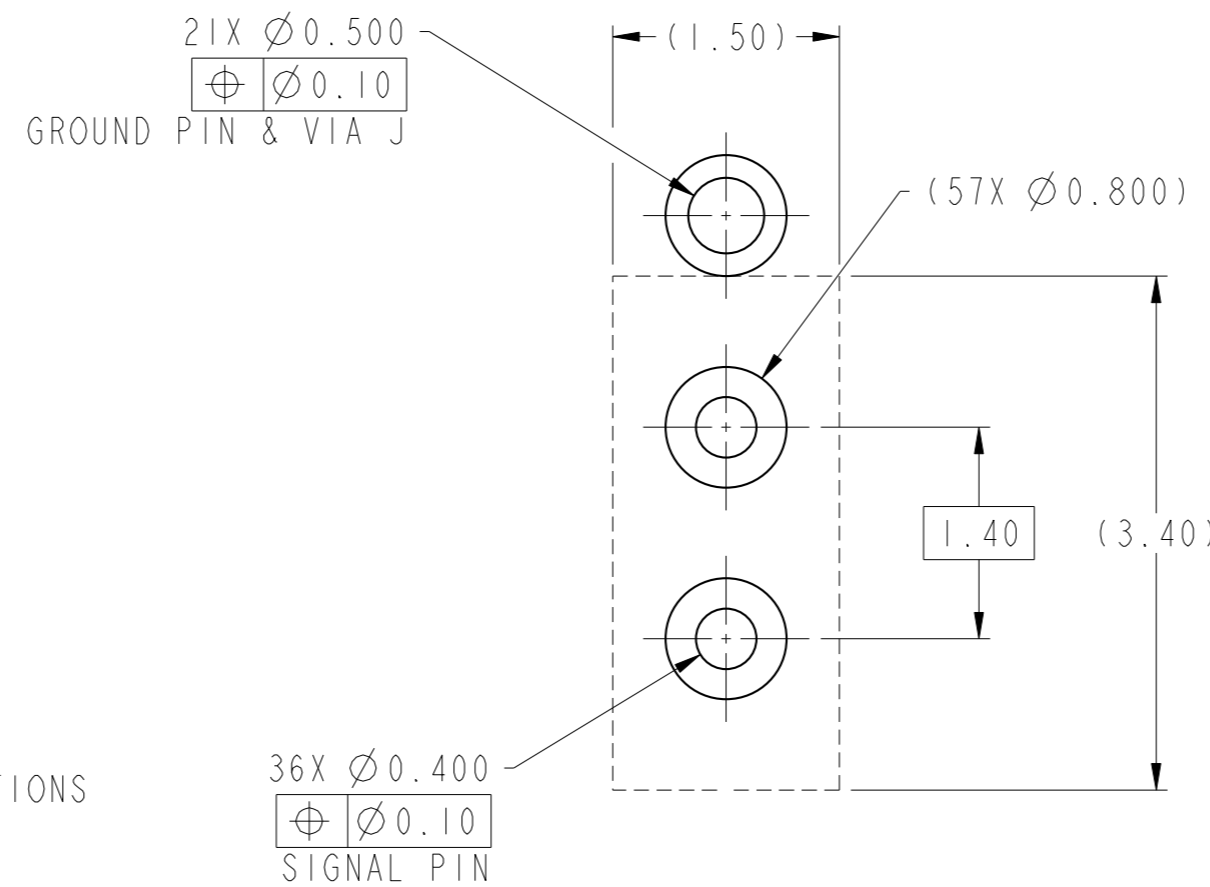
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.
- 5 - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 MM.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS 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 RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 13 - 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.



10135262-10ALF



10135262-10PLF

DETAIL A
SCALE 20:1

spec ref	---	dr	Jeny Ren	2015/05/20	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 VSE R.A. RECEPTACLE		dwg no	10135262	rev	B
		0.XX	±.15		ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY		cat. no.	Product - Customer Drw		sheet 4 of 4		
		0.XXX	±.050									
	angular	0°	±°									