

10138573 - 10X LF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

SEE NOTE 2

MODULE
DESCRIPTION

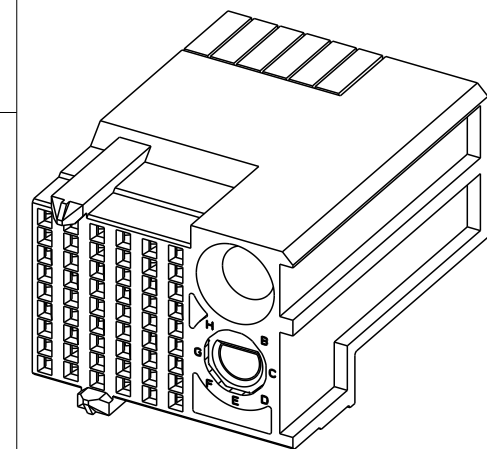
LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE
MODULE

LEFT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 3)

NO KEY
NO GUIDE PIN

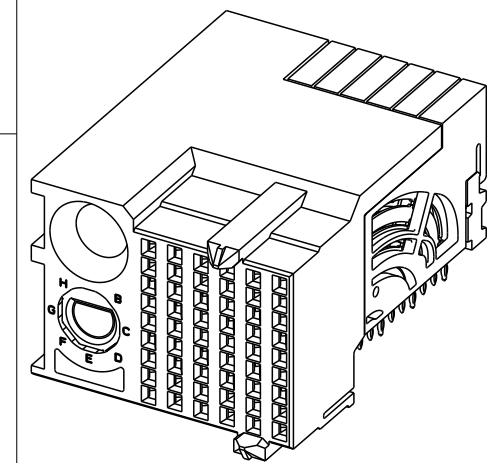
N	J (NO KEY)	A	B	C	D	E	F	G	H



RIGHT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 2)

NO KEY
NO GUIDE PIN

Z	Y (NO KEY)	P	Q	R	S	T	U	V	W

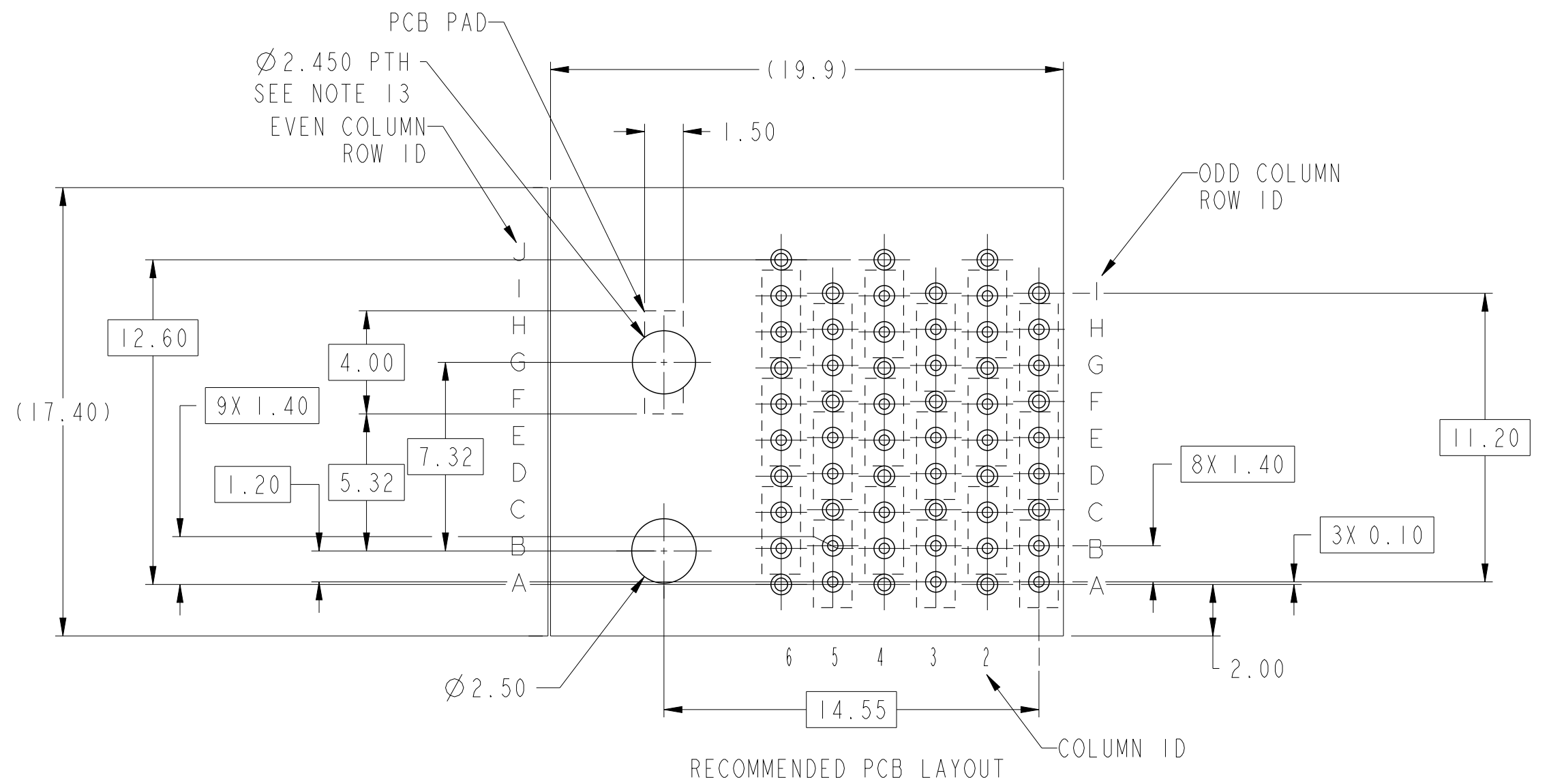
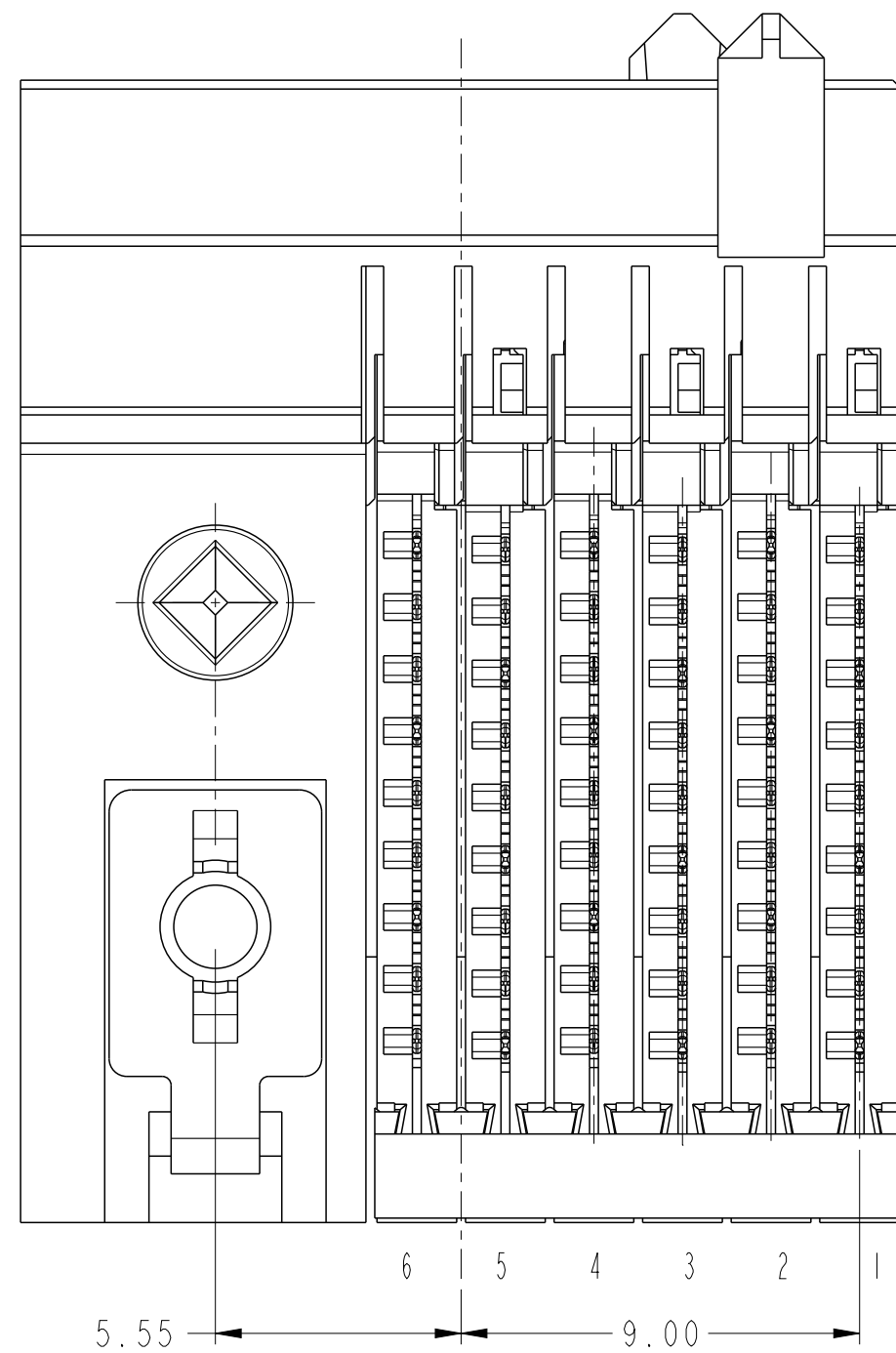
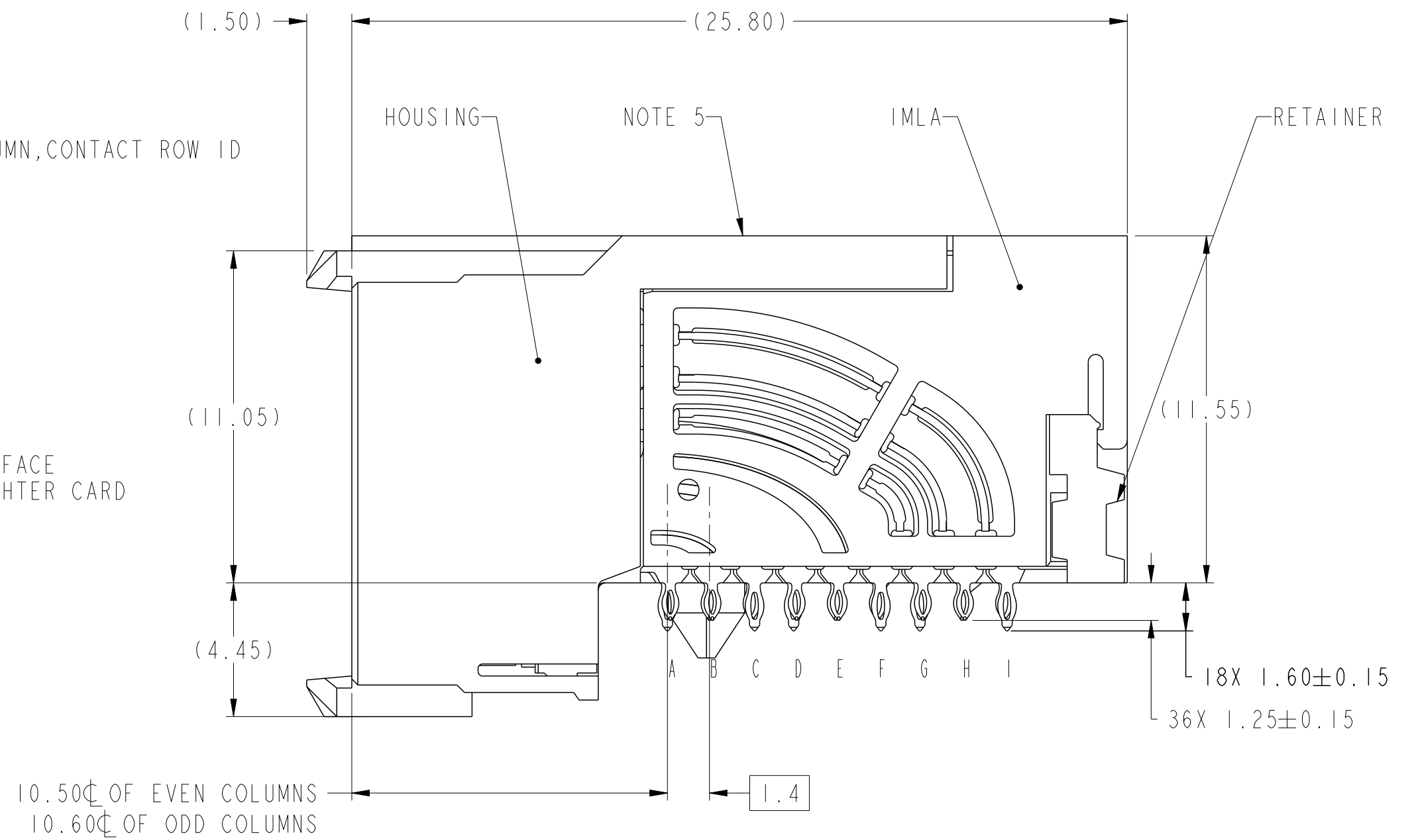
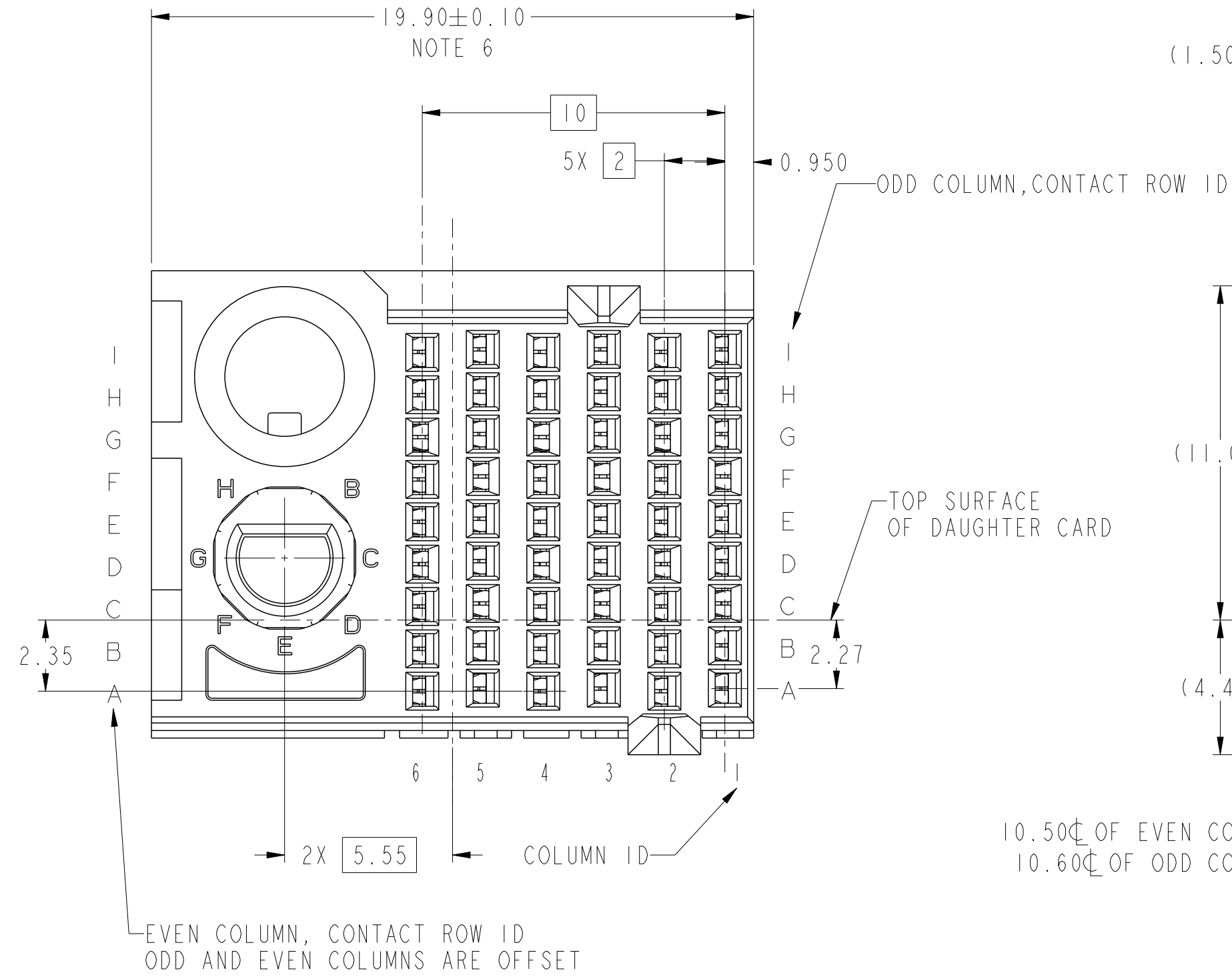


spec ref	---	dr	Tao Zhan	2016/01/26	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06		←→	ecn no	-	rel level		Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Pai-Ming Zheng	2016/04/06	product family	AirMax VS2	
surface	- ✓	linear	0.X	±.3	Amphenol FCI	title	AIRMAX VS2 R.A. RECEPTACLE		cat. no.	-	Product - Customer Drw
			0.XX	±.15			rev	A			
			0.XXX	±.050							
angular	0°	±°	title	ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY		cat. no.	-	Product - Customer Drw	sheet 1 of 4		

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RIGHT POLARIZATION WITH GUIDE



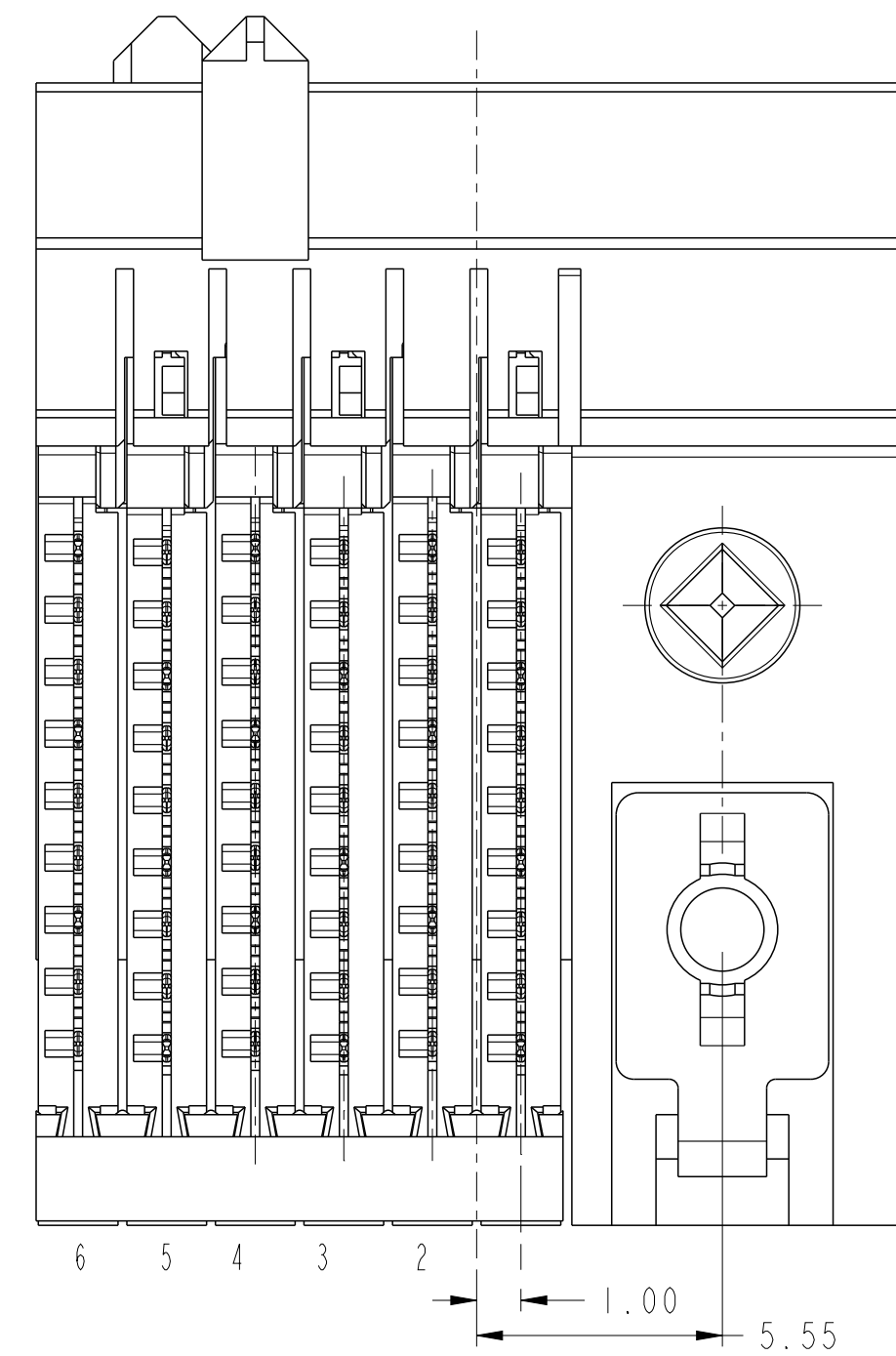
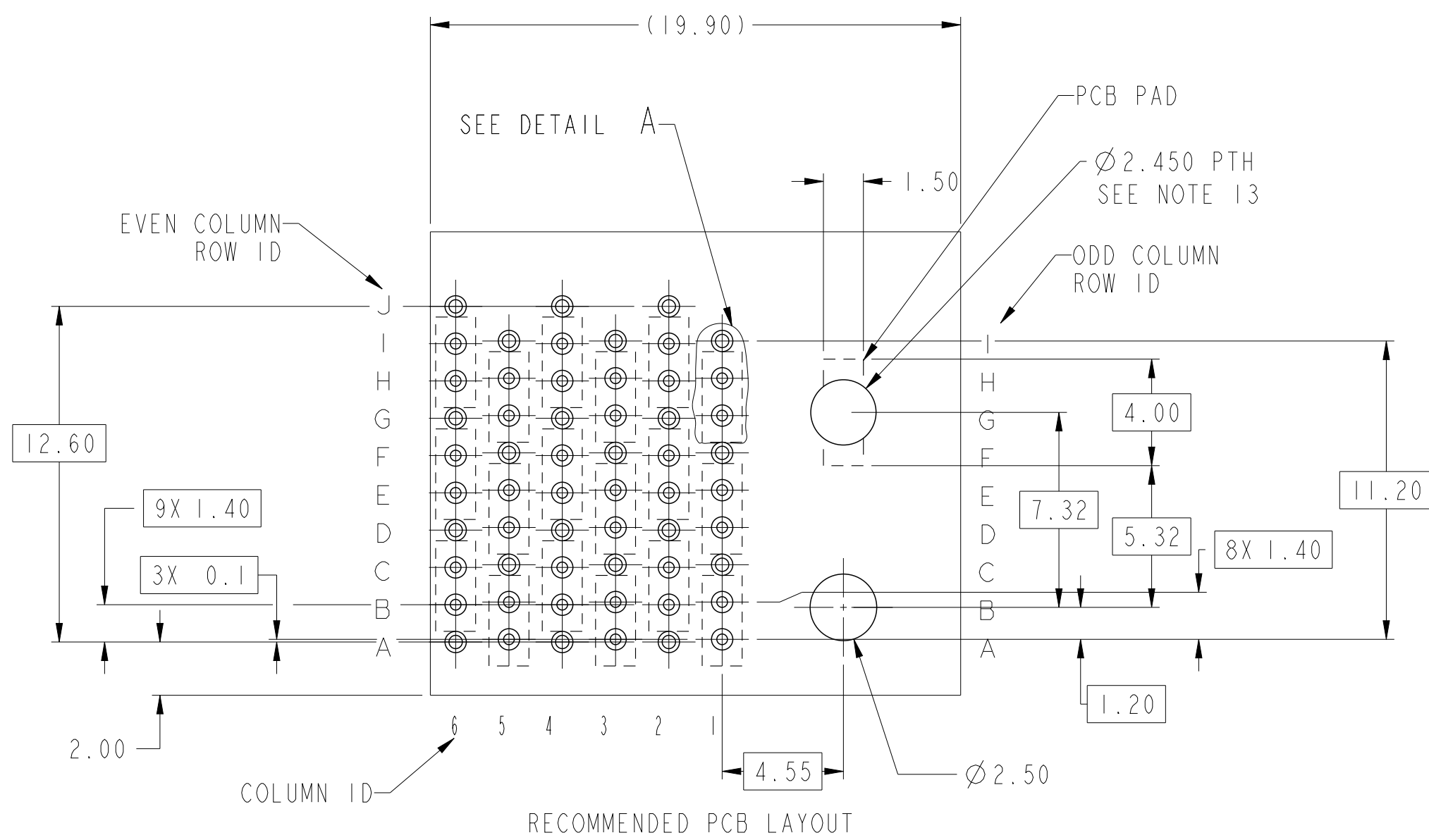
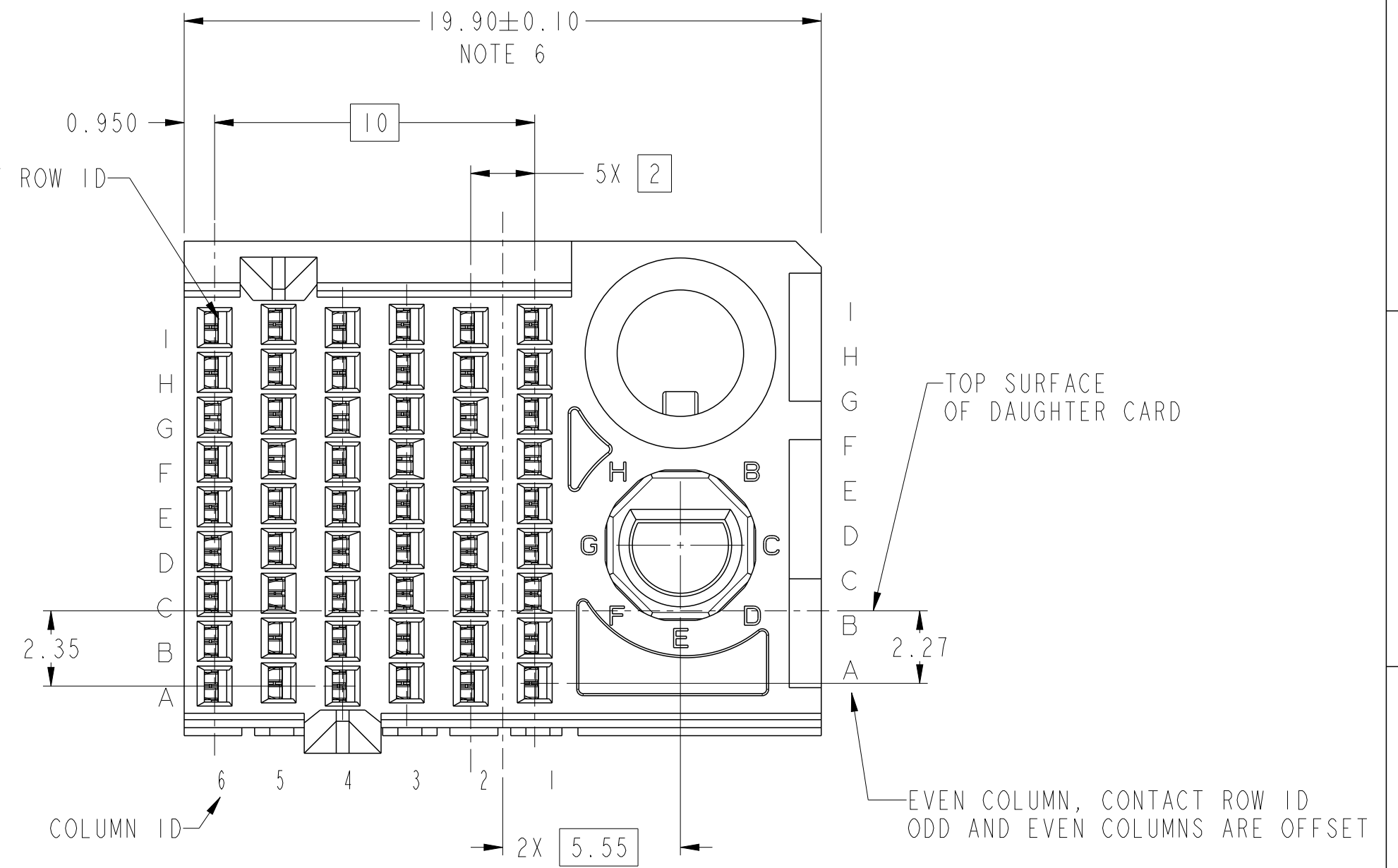
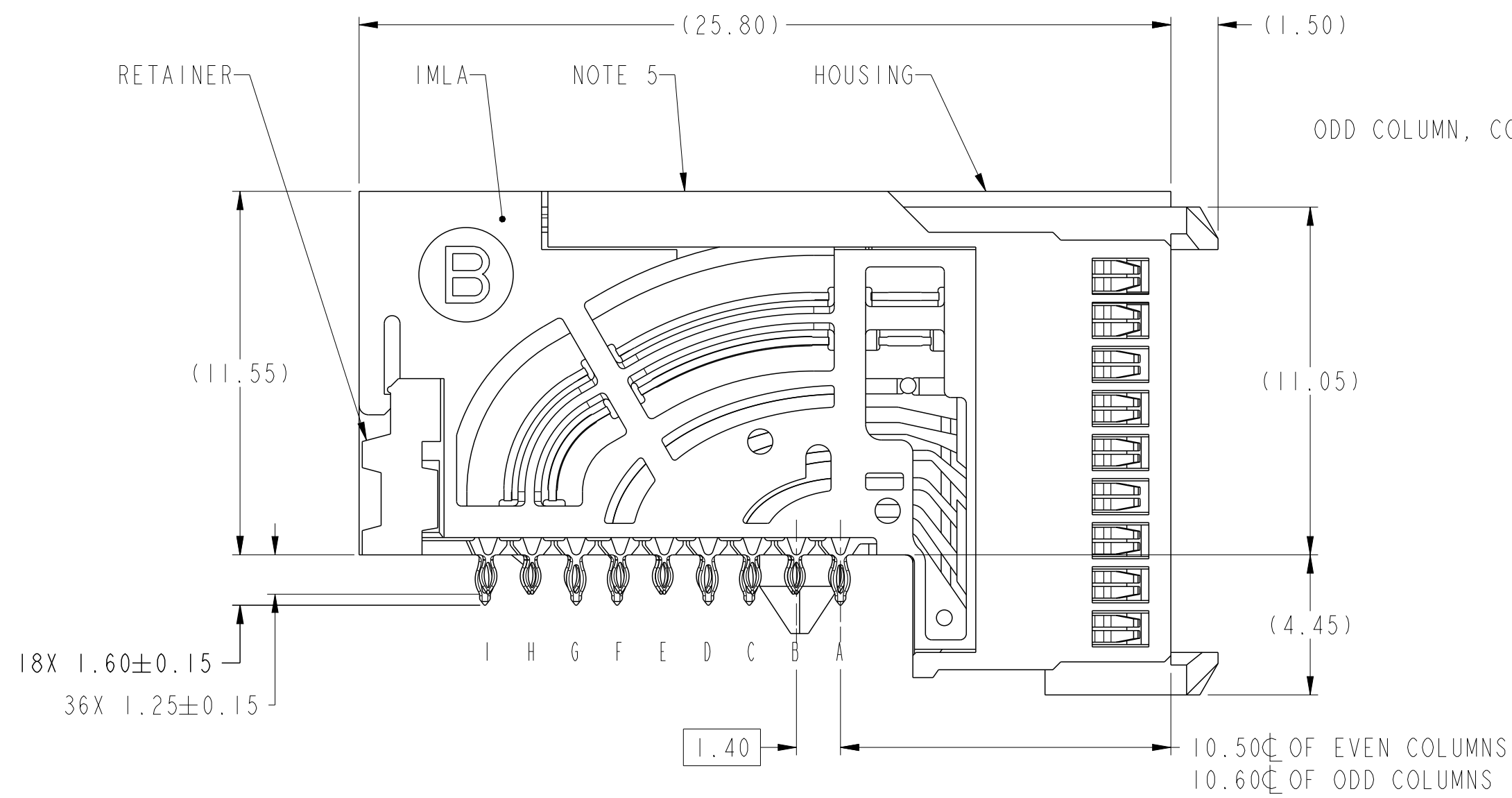
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tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	apppr						
surface	-	linear	0.X	±.3		AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY	10138573	rev A	cat. no.	Product - Customer Drw
			0.XX	±.15						
			0.XXX	±.050						
		angular	0°	±°						sheet 2 of 4

PDS: Rev :A

STATUS:Released

Printed: Apr 06, 2016

LEFT POLARIZATION WITH GUIDE




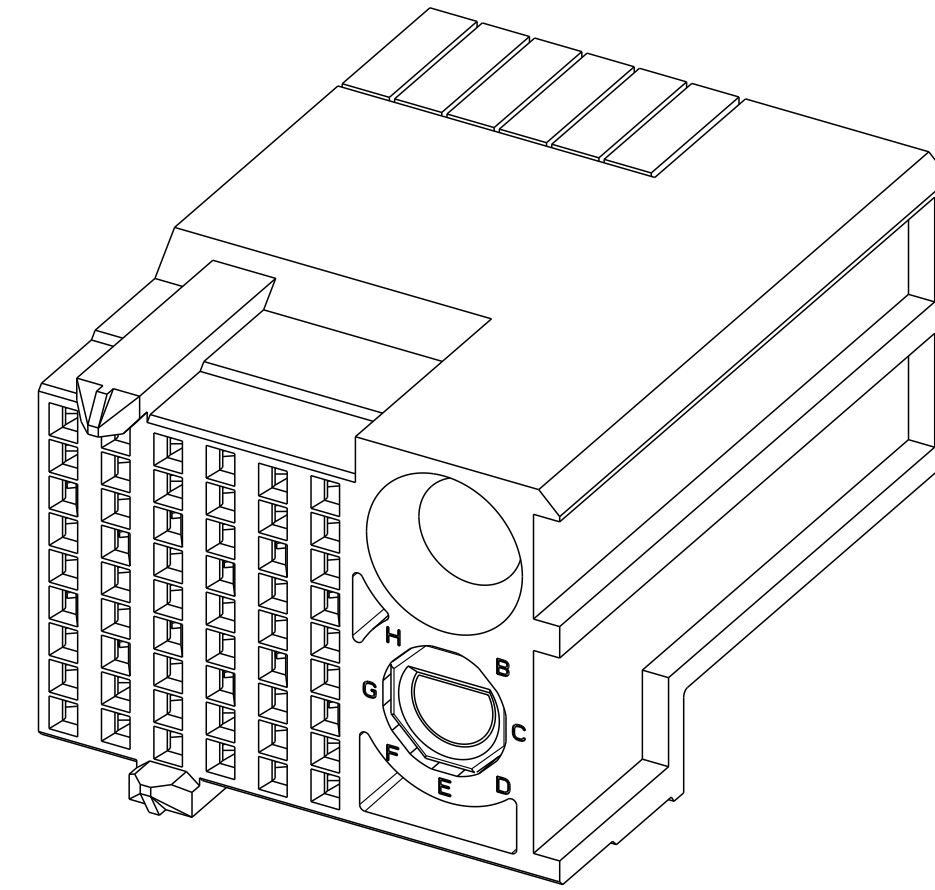
spec ref	---	dr	Tao Zhan	2016/01/26	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr						
surface	linear	0.X	±.3		title		AIRMAX VS2 R.A. RECEPTACLE	dwg no 10138573	rev A	
		0.XX	±.15		ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY					
		0.XXX	±.050		cat. no.					
		angular	0°			Product - Customer Drw		sheet 3 of 4		

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10138573-10*LF	TIN OVER NICKEL (LEAD FREE)

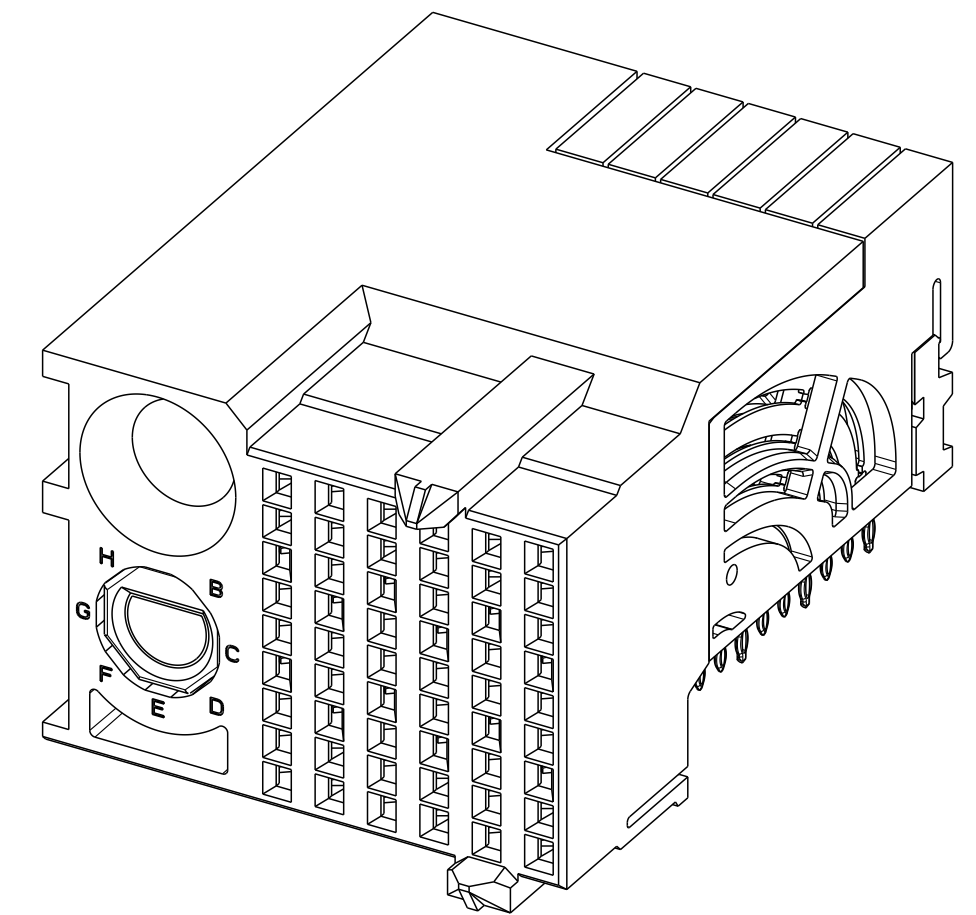
A
B
C
D
E
F

- 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

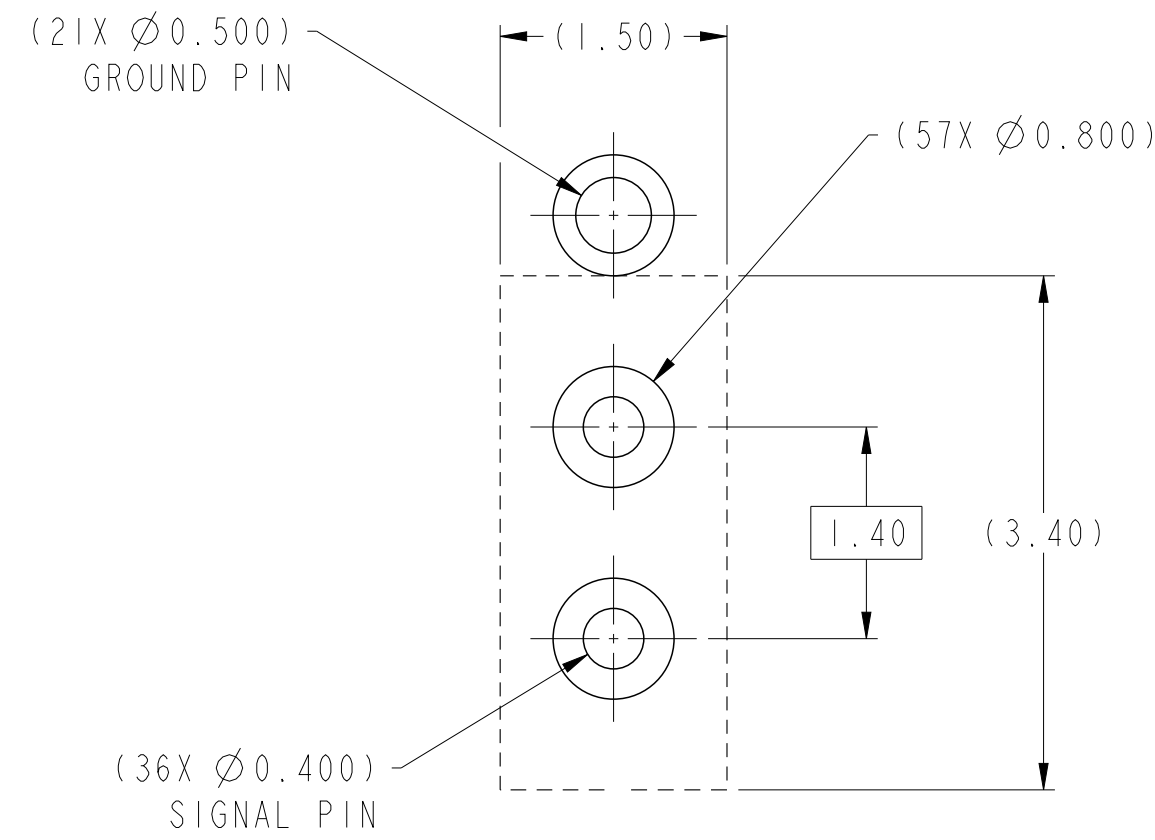
PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.
- ⑤ - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 MM.
- ⑦ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO 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 RECCOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 13 - CUSTOMER CAN FIX THE CONNECTOR WITH THREAD FORMING SCREW THROUTH THIS PTH, THE SCREW IS #2-32, THE VALID LENGTH OF SCREW IS 4.5MM PLUS THICKNESS OF PCB.
- 14 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



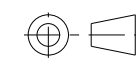
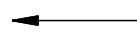

10138573 -10ALF



10138573-10PLF



DETAIL A
SCALE 20:1

spec ref	---	dr	Tao Zhan	2016/01/26	projection	MM	size	A2	scale	6:1												
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06			ecn no	-	rel level	Released												
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr							Pei-Ming Zheng	2016/04/06	product family	AirMax VS2								
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.15		0.XXX	±.050	angular	0°	±°			AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY		title 10138573	rev A	cat. no. -	Product - Customer Drw	sheet 4 of 4
linear	0.X	±.3																				
	0.XX	±.15																				
	0.XXX	±.050																				
angular	0°	±°																				

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