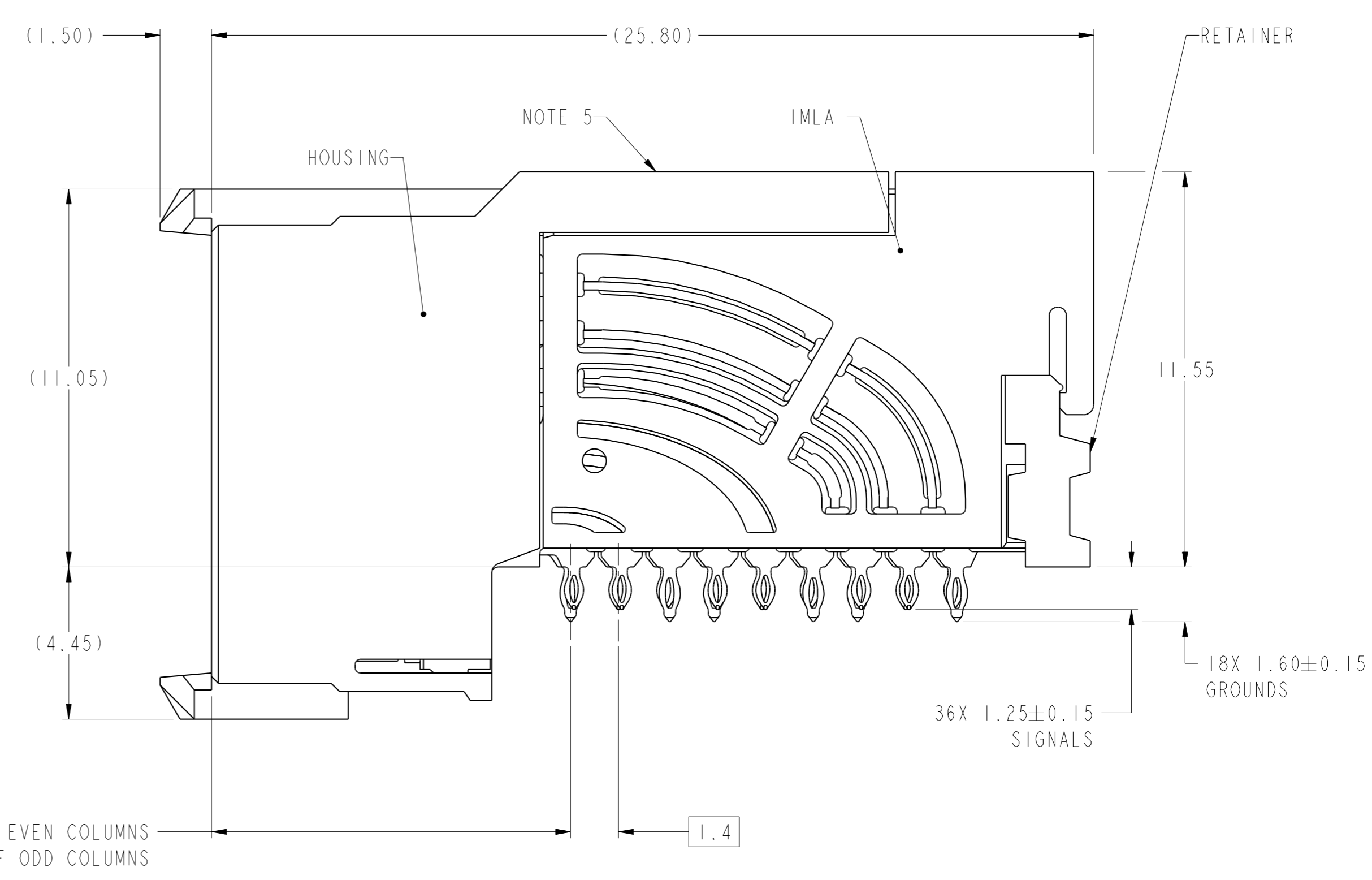
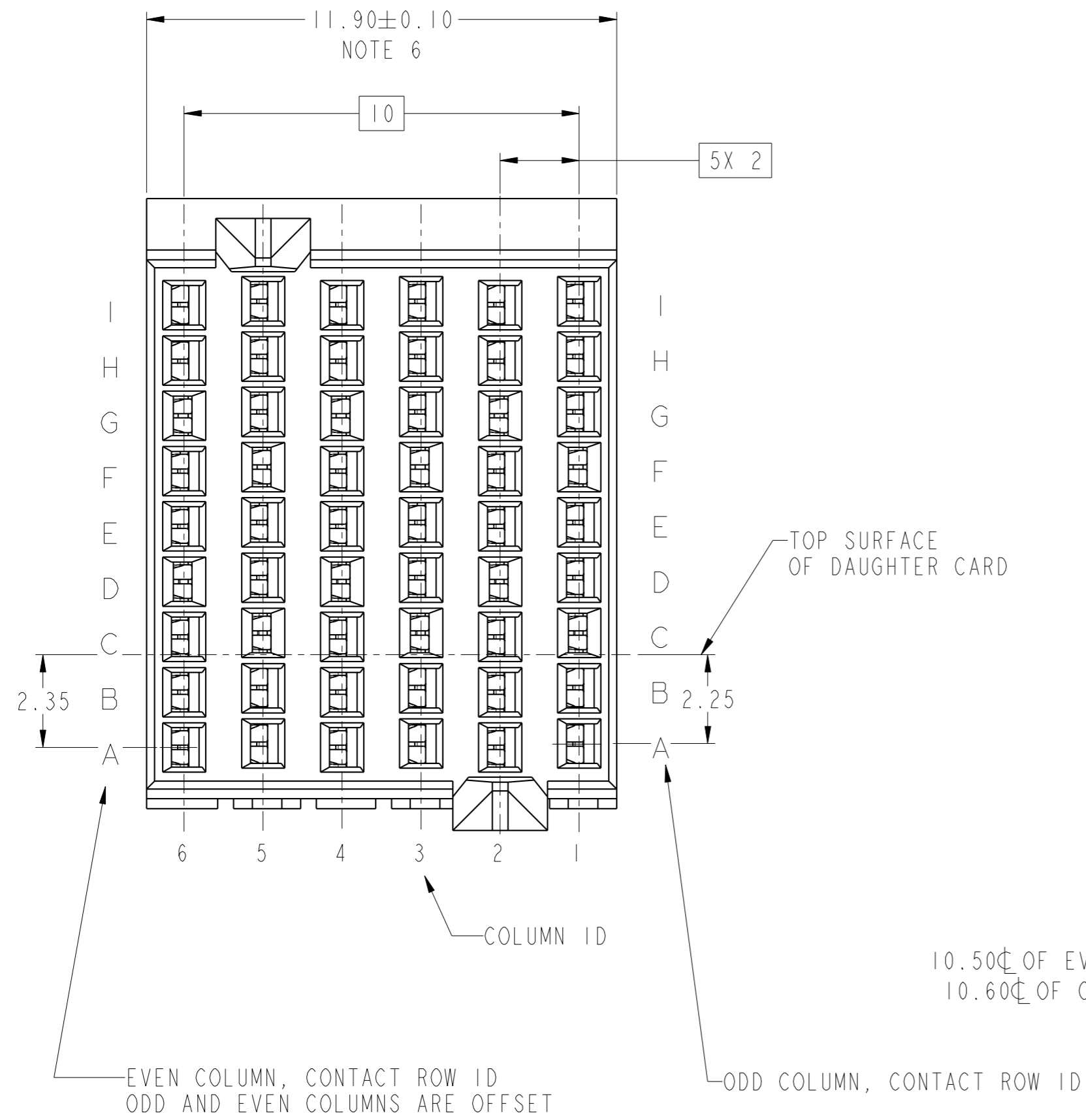


PRODUCT NUMBER
SEE SHEET 3



Amphenol FCI

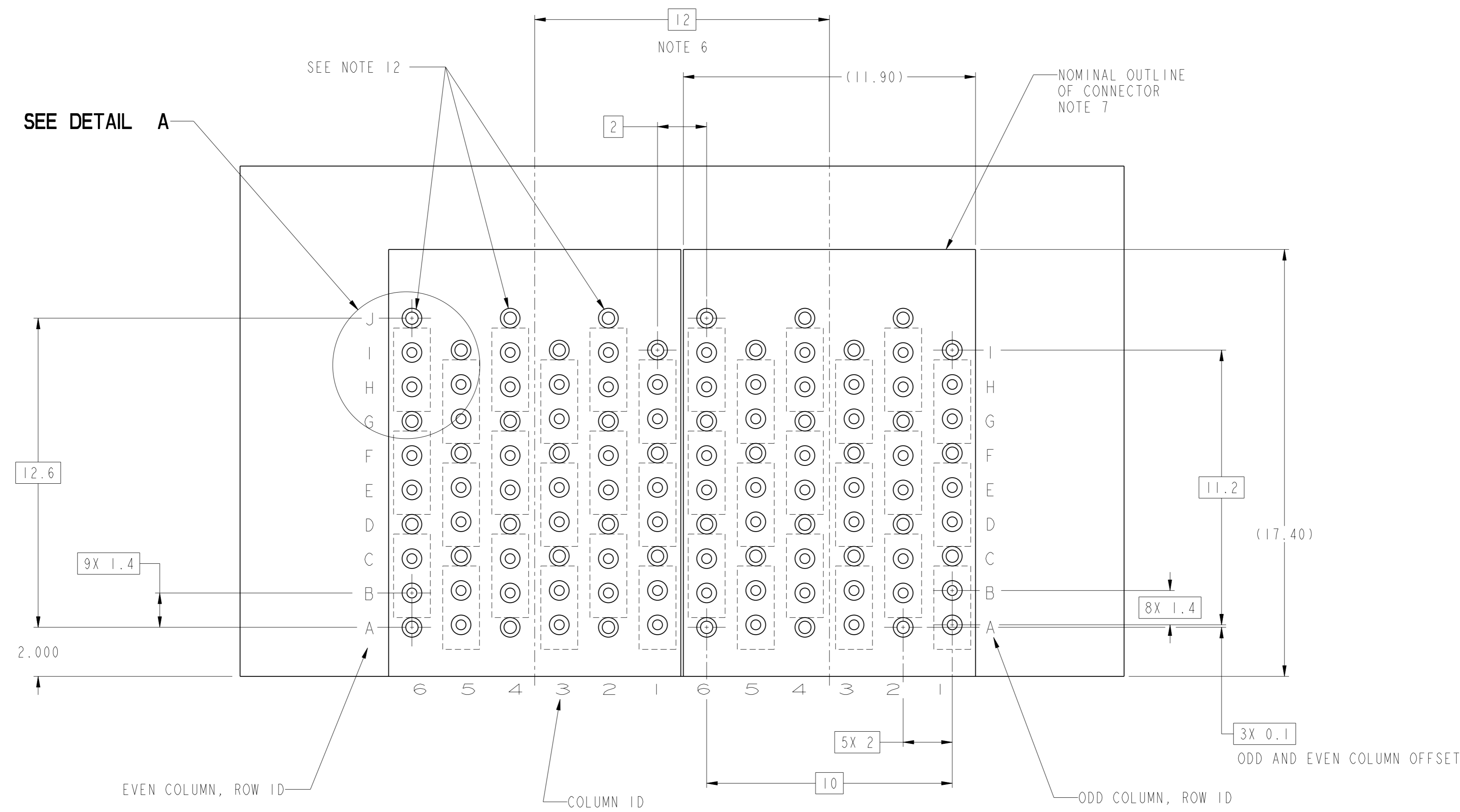
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spec ref	---	dr	Terry Luo	2019/11/13	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/04			ecn no	ELX-DG-38252-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Heaven Cen	2020/09/17		product family
surface	✓	linear	0.X	±.3		AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM,GXT+	dwg no	10155256	rev	B
			0.XX	±.10			cat. no.	-	Product - Customer Drw	sheet 1 of 3
		angular	0°	±°						

PDS: Rev :B

STATUS:Released

Printed: Sep 18, 2020



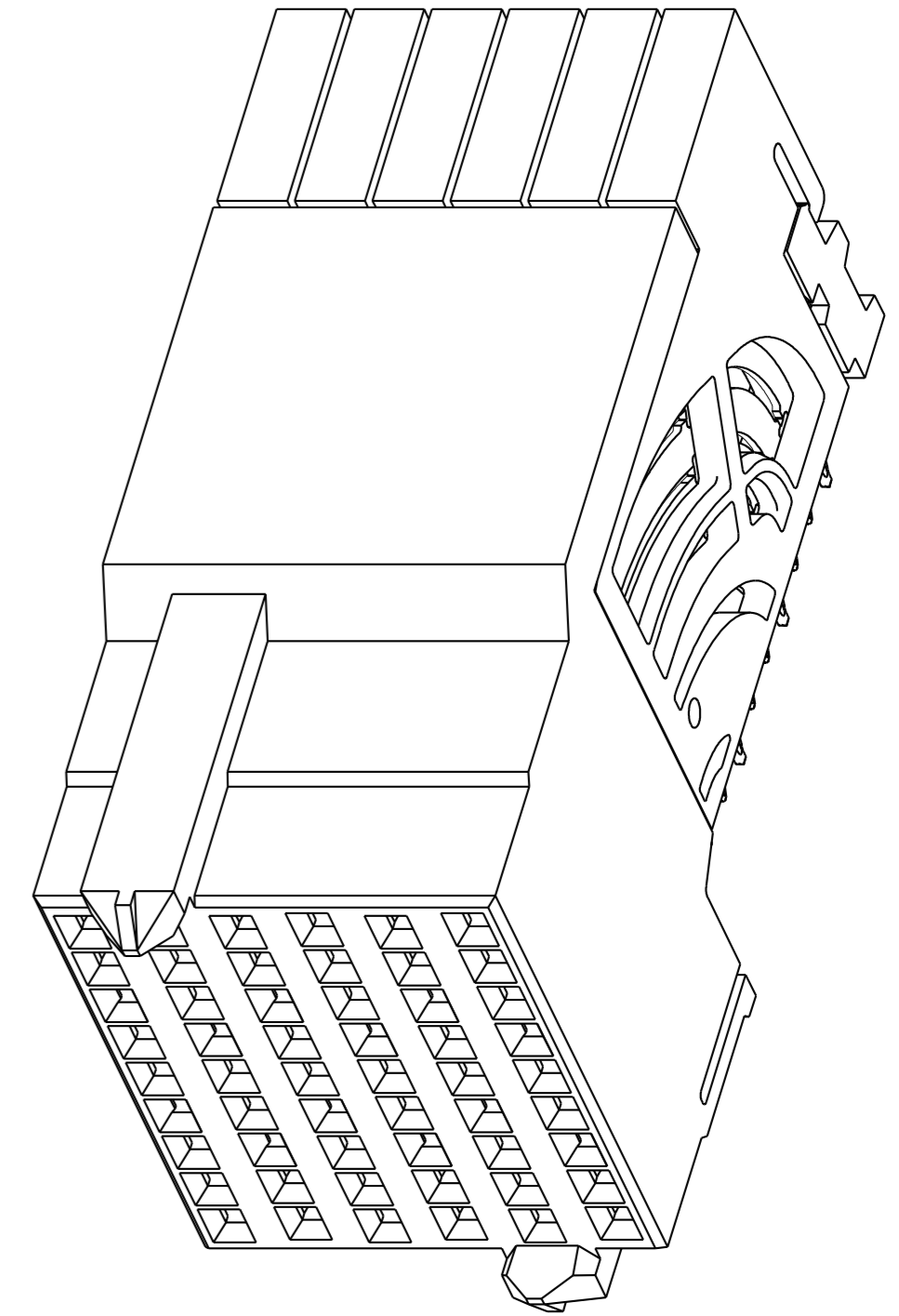
**RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6,8,& 11**

spec ref	---	dr	Terry Luo	2019/11/13	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/04			ecn no	ELX-DG-38252-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app'r						
surface	✓	linear	0.X	±.3		AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM,GXT+	divg no 10155256	rev B	cat. no.	Product - Customer Drw
			0.XX	±.10						
			0.XXX	±.050						
		angular	0°	±°						sheet 2 of 3

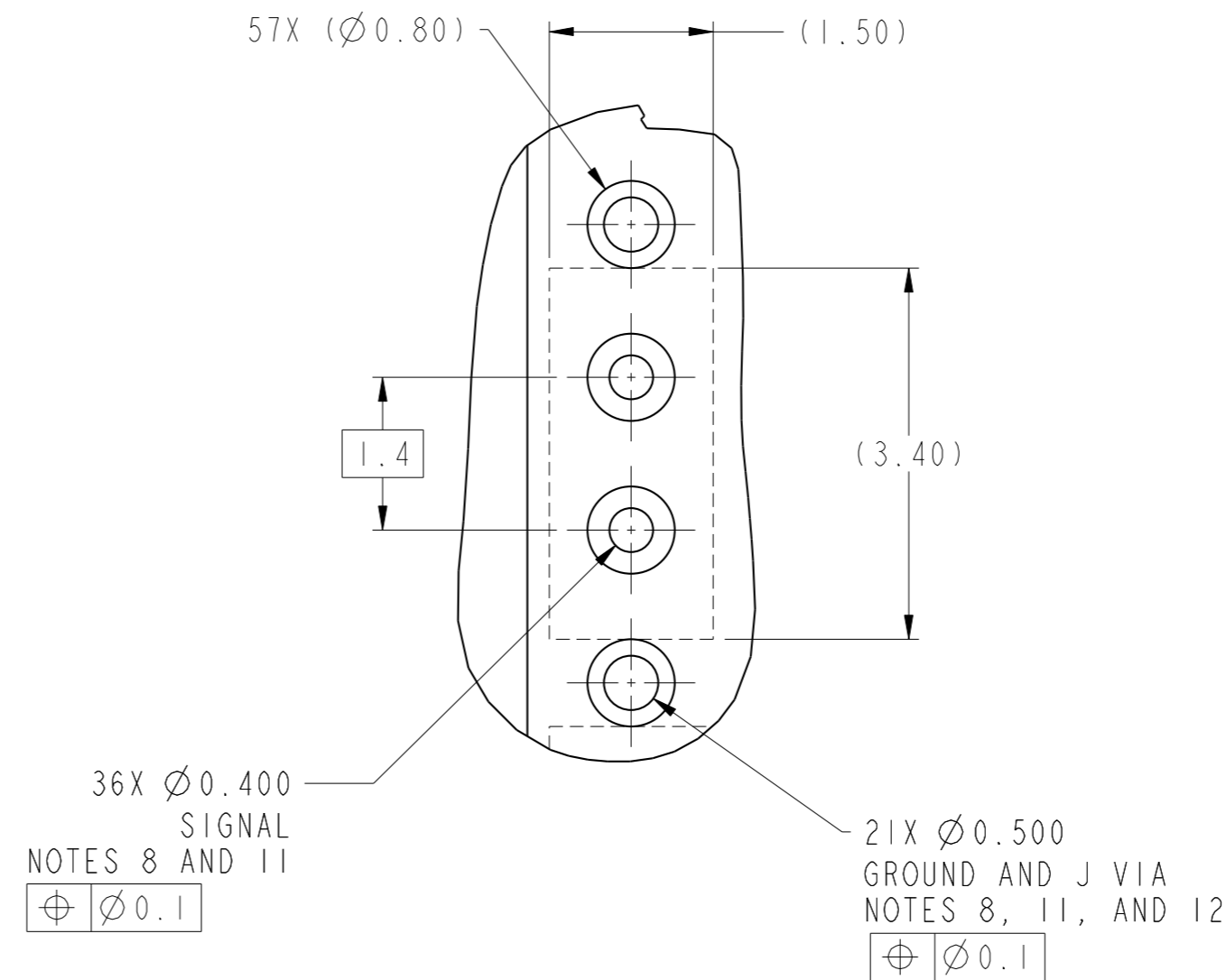
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10155256-101	TIN/LEAD ALLOY OVER NICKEL
10155256-101LF	TIN OVER NICKEL (LEAD FREE)

- 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 12.0 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.



10155256-101 OR -101LF



DETAIL A
SCALE 16:1

spec ref	---	dr	Terry Luo	2019/11/13	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/04	chr	-	ecn no	ELX-DG-38252-1	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Heaven Cen	2020/09/17	product family						
surface	linear	0.X	±.3	Amphenol FCI	TITLE		AIRMAX VSE R.A. RECEPTACLE	dwg no	10155256	rev	B
		0.XX	±.10		ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM,GXT+		cat. no.	Product - Customer Drw	sheet 3 of 3		
	angular	0°	±°								

PDS: Rev :B

STATUS:Released

Printed: Sep 18, 2020

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