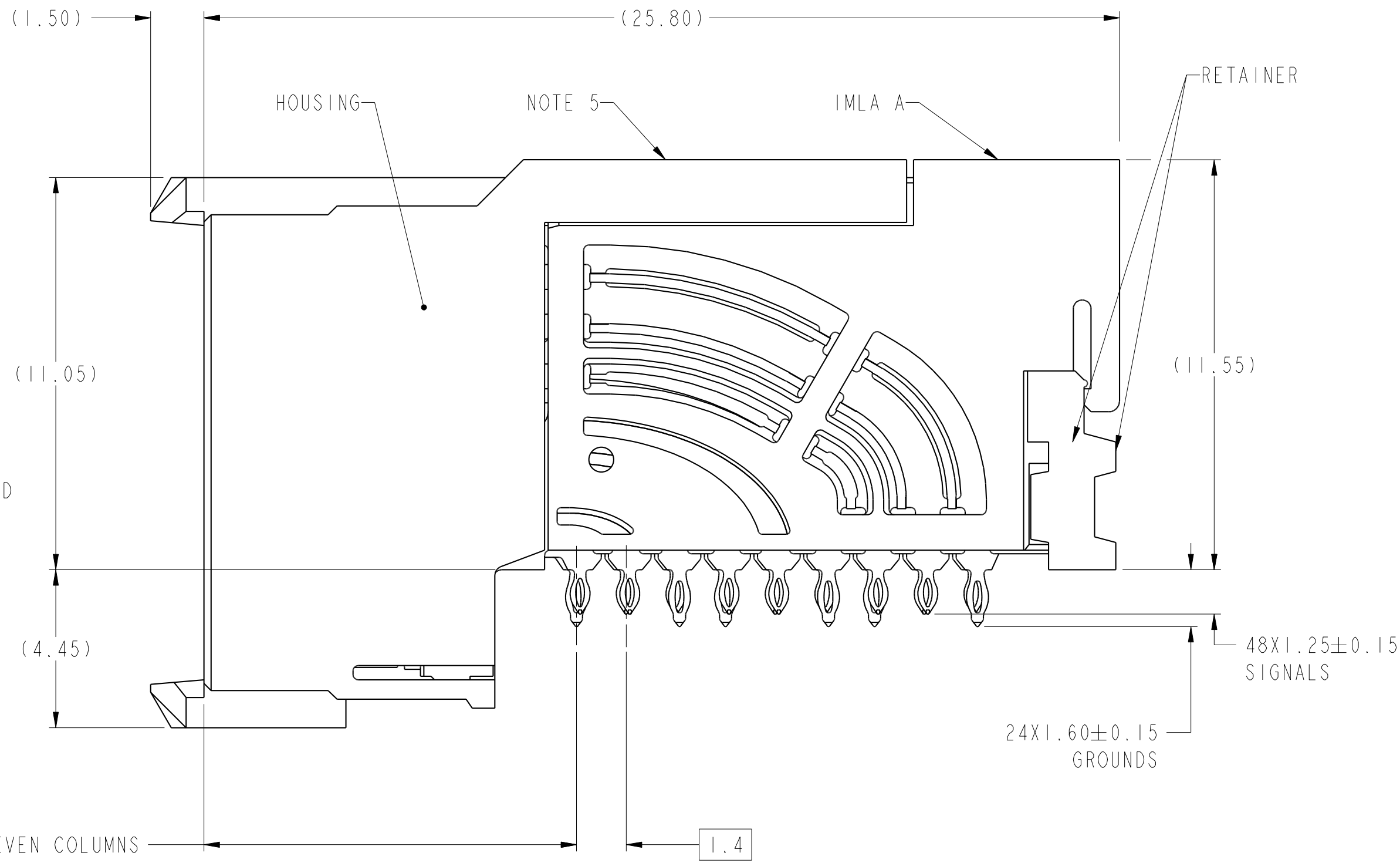
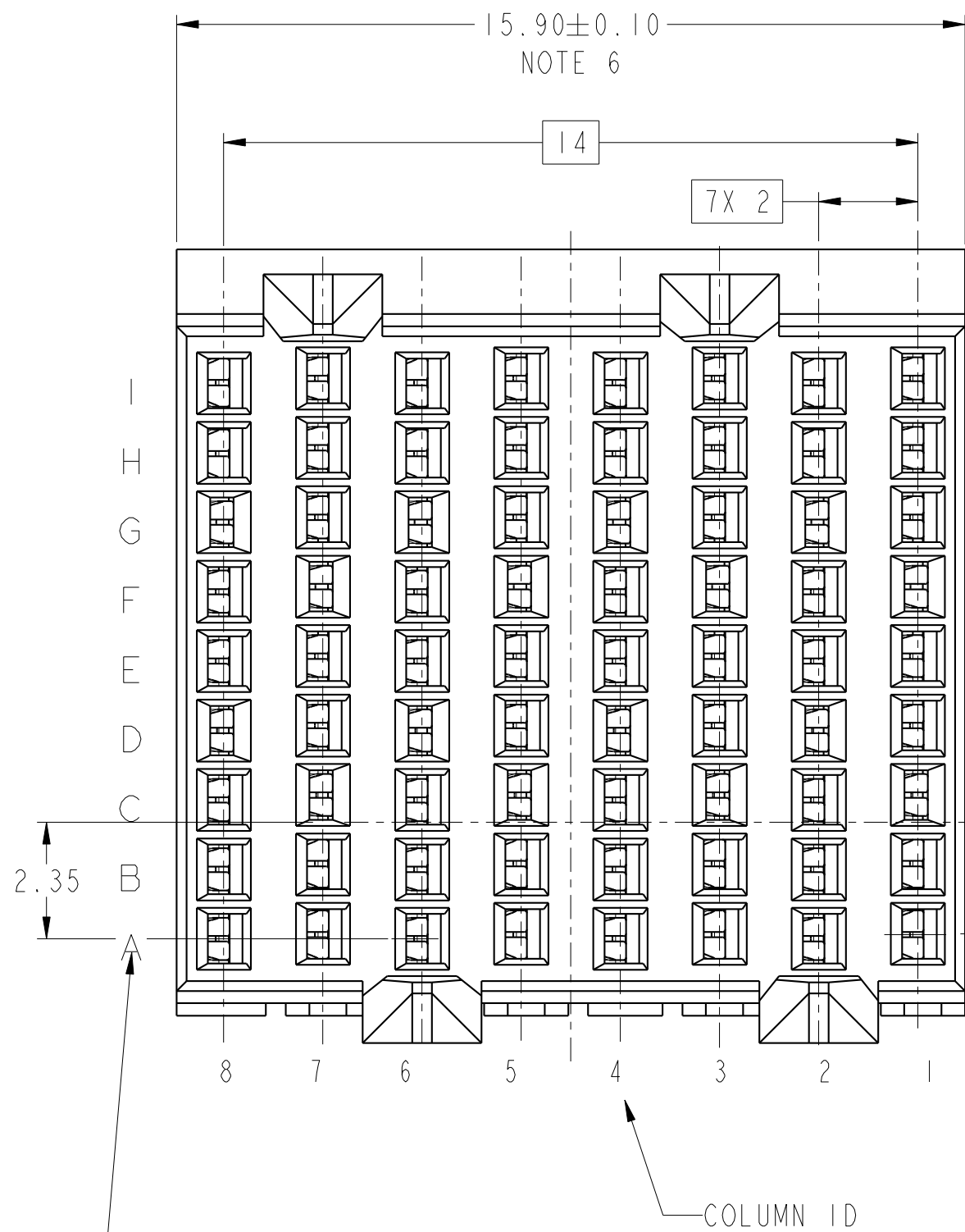
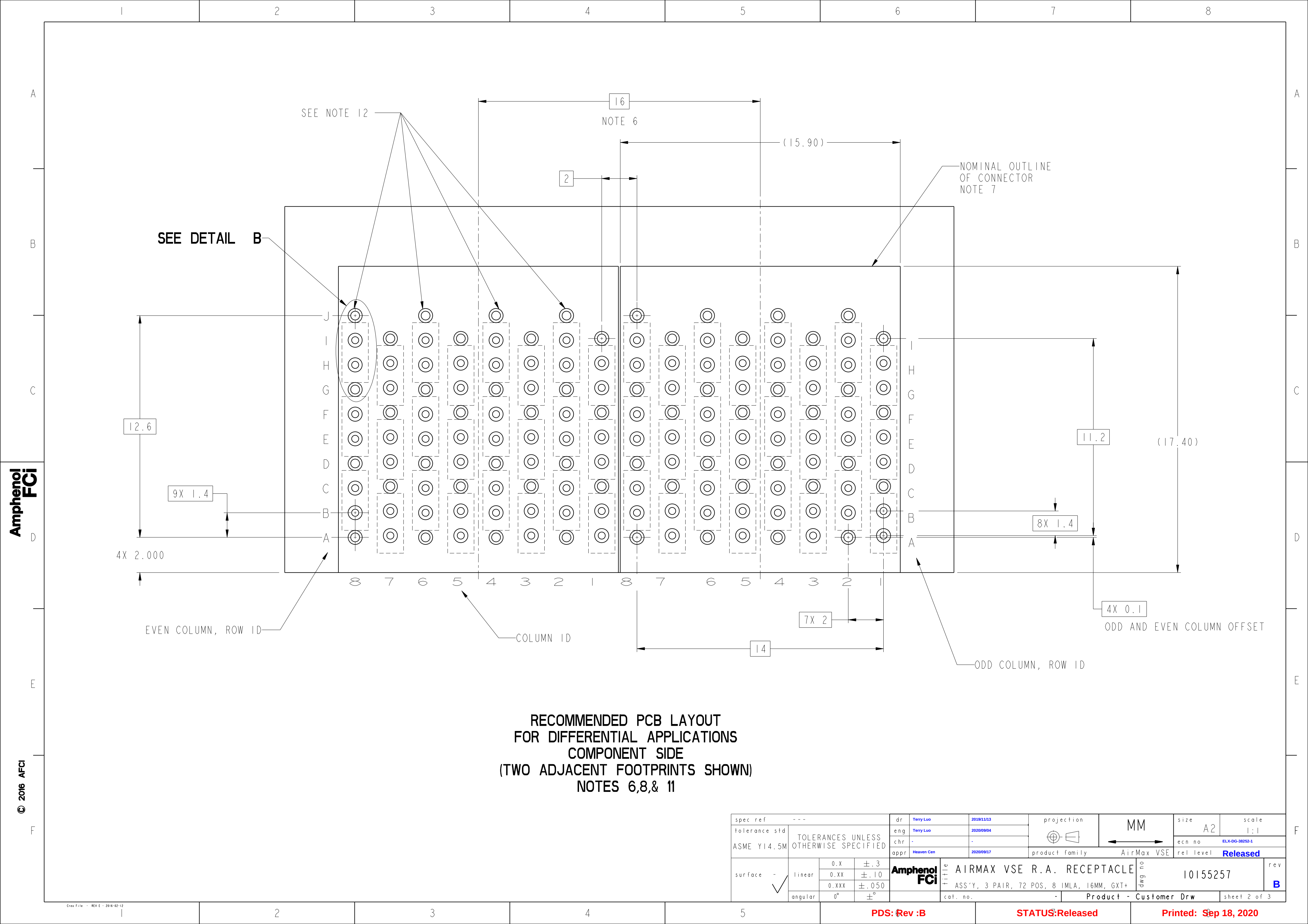


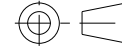
PRODUCT NUMBER
SEE SHEET 3



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	chr	-	ecn no	ELX-DG-38252-1	rel level	Released
surface	-	appr	Heaven Cen	2020/09/17	product family	AirMax VSE	rel level	Released	rev	B
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	Amphenol FCi	title	AIRMAX VSE R.A. RECEPTACLE			dwg no	10155257		
angular	0° ±°	cat. no.	-	Product - Customer Drw			sheet	1 of 3		

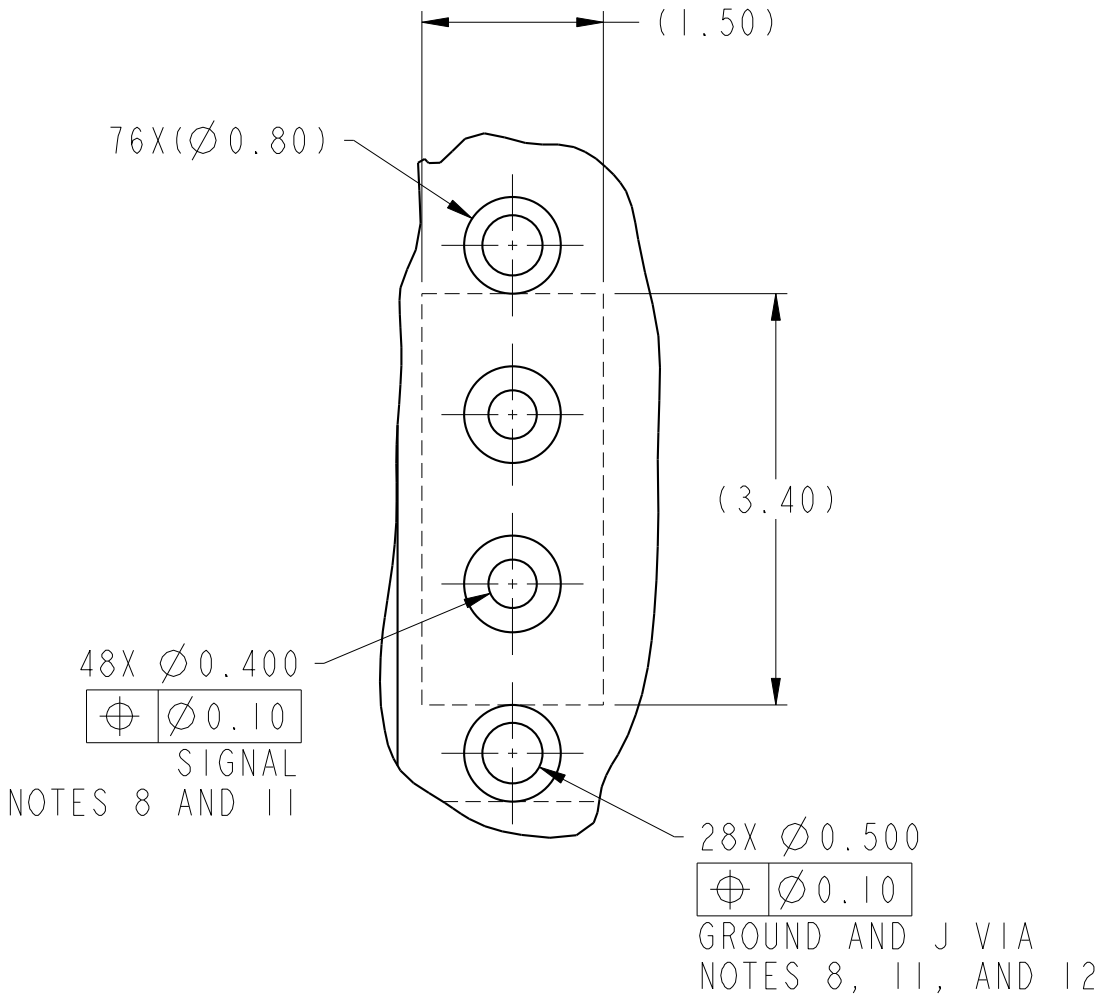


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6,8,& 11

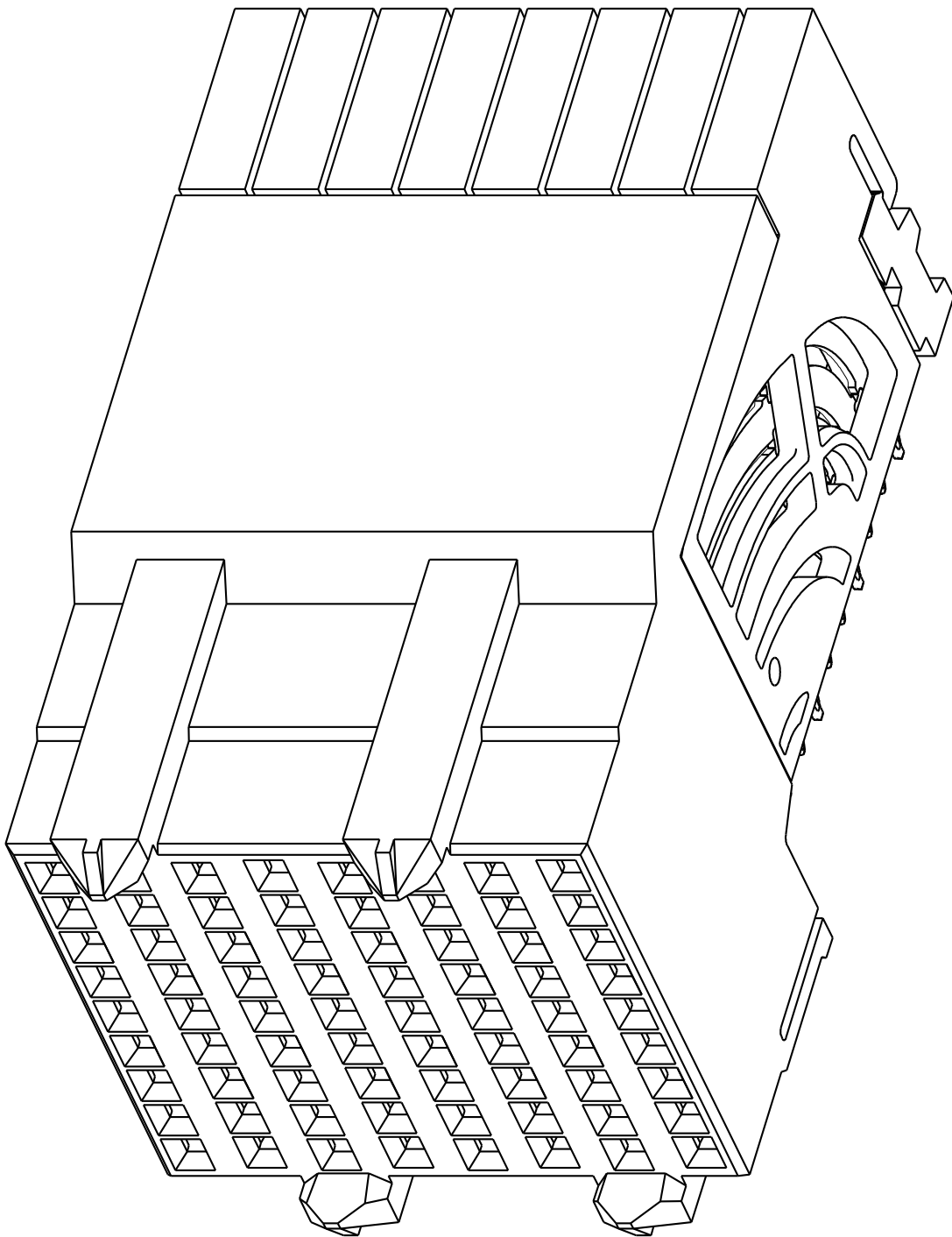
spec ref		---		dr	Terry Luo	2019/11/13	projection	MM	size	A2	scale	1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo	2020/09/04				ecn no	ELX-DG-38252-1				
ASME Y14.5M				chr	-	-	product family			AirMax VSE			rel level	Released	
				appr	Heaven Cen	2020/09/17									
surface	-	linear	0.X	±.3	Amphenol FCI	title	AIRMAX VSE R.A. RECEPTACLE				dwg no	10155257		rev	B
			0.XX	±.10											
			0.XXX	±.050											
		angular	0°	±°											

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10155257-101	TIN/LEAD ALLOY OVER NICKEL
10155257-101LF	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, NATURAL, 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 16.0 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.



DETAIL B
SCALE 16:1



10155257-101 OR -101LF

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
surface	linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±°
Amphenol FCI		title		AIRMAX VSE R.A. RECEPTACLE		cat. no.		Product - Customer Drw		sheet 3 of 3
ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, GXT+		dwg no		10155257		rev		B		