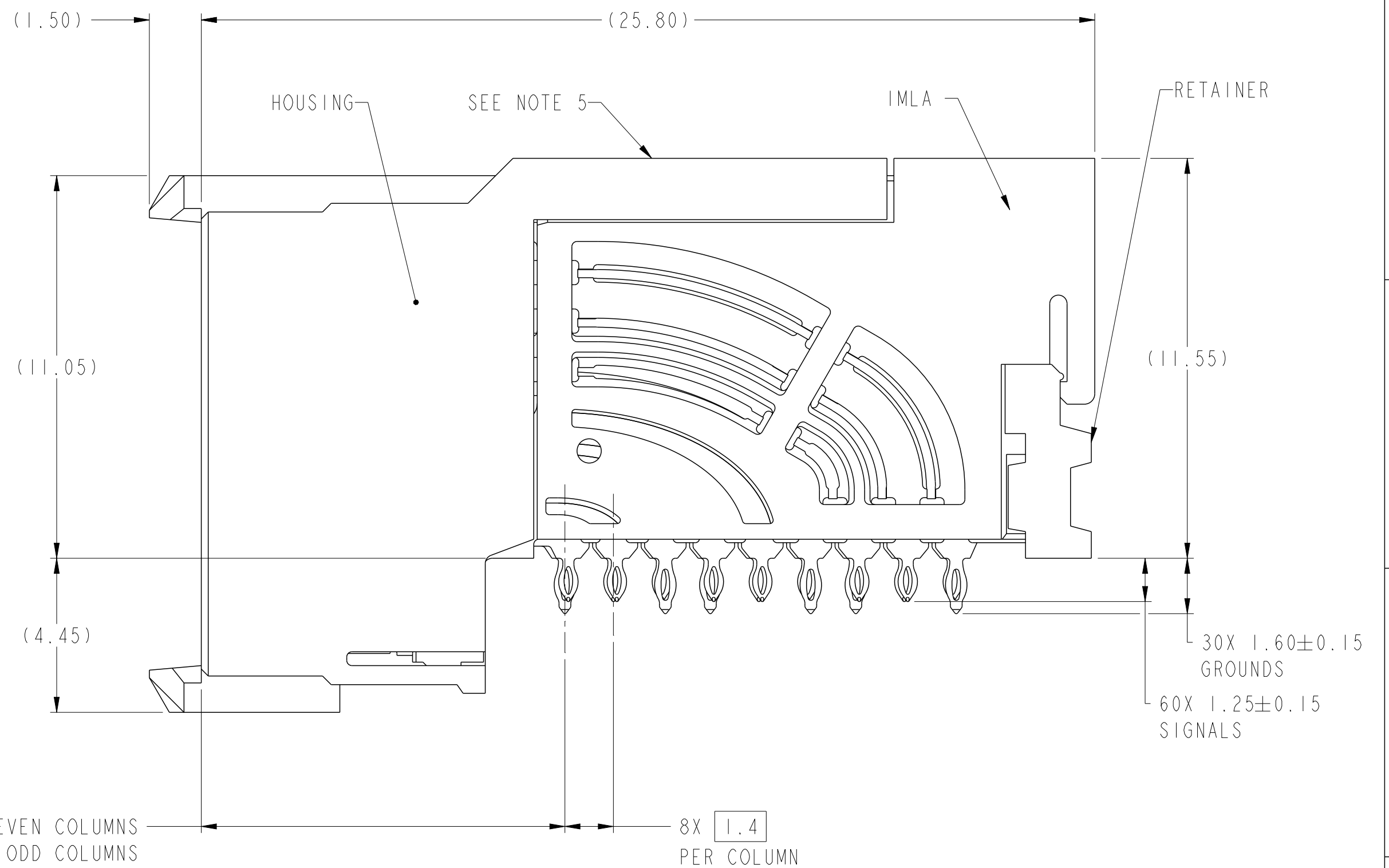
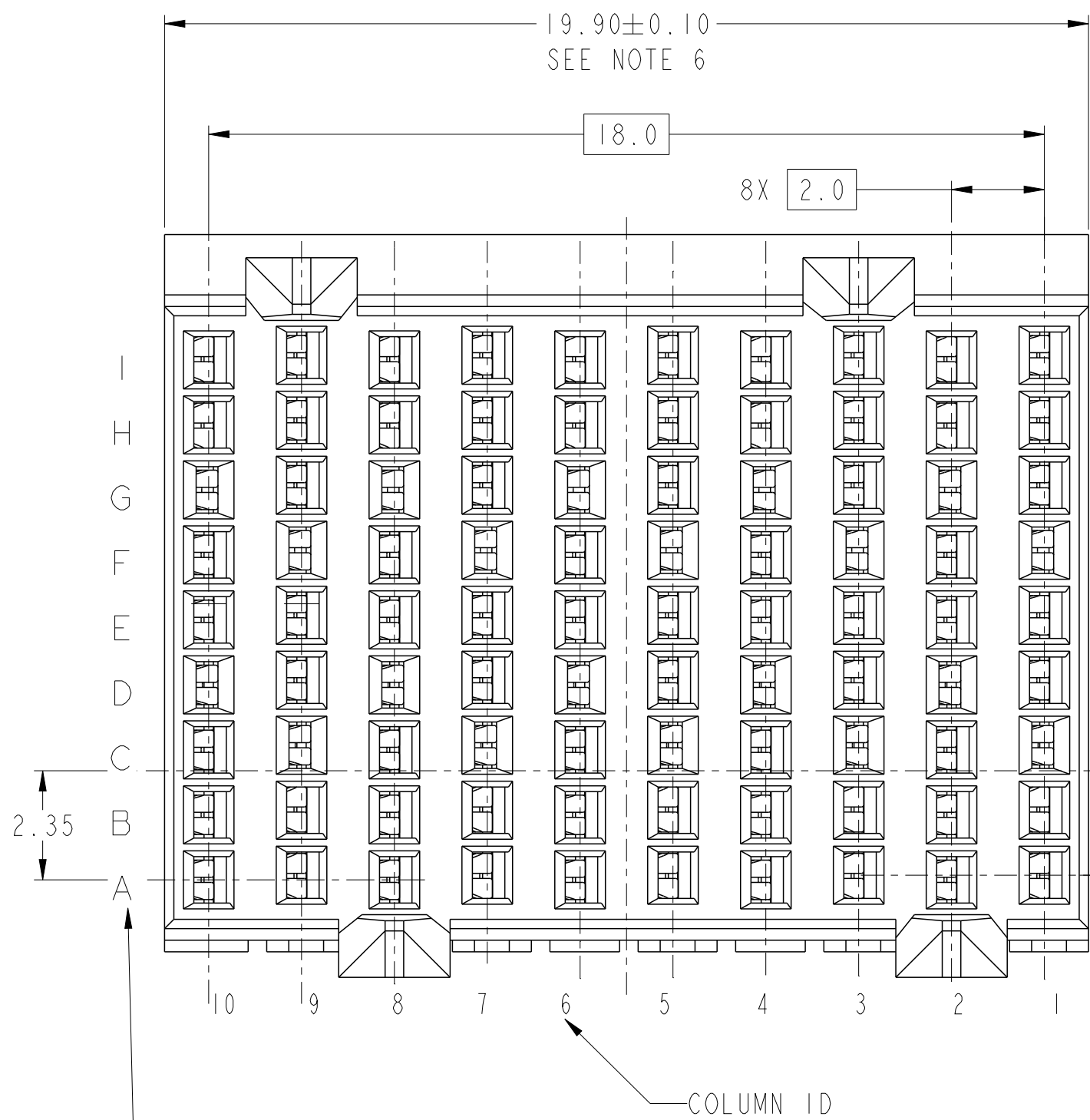


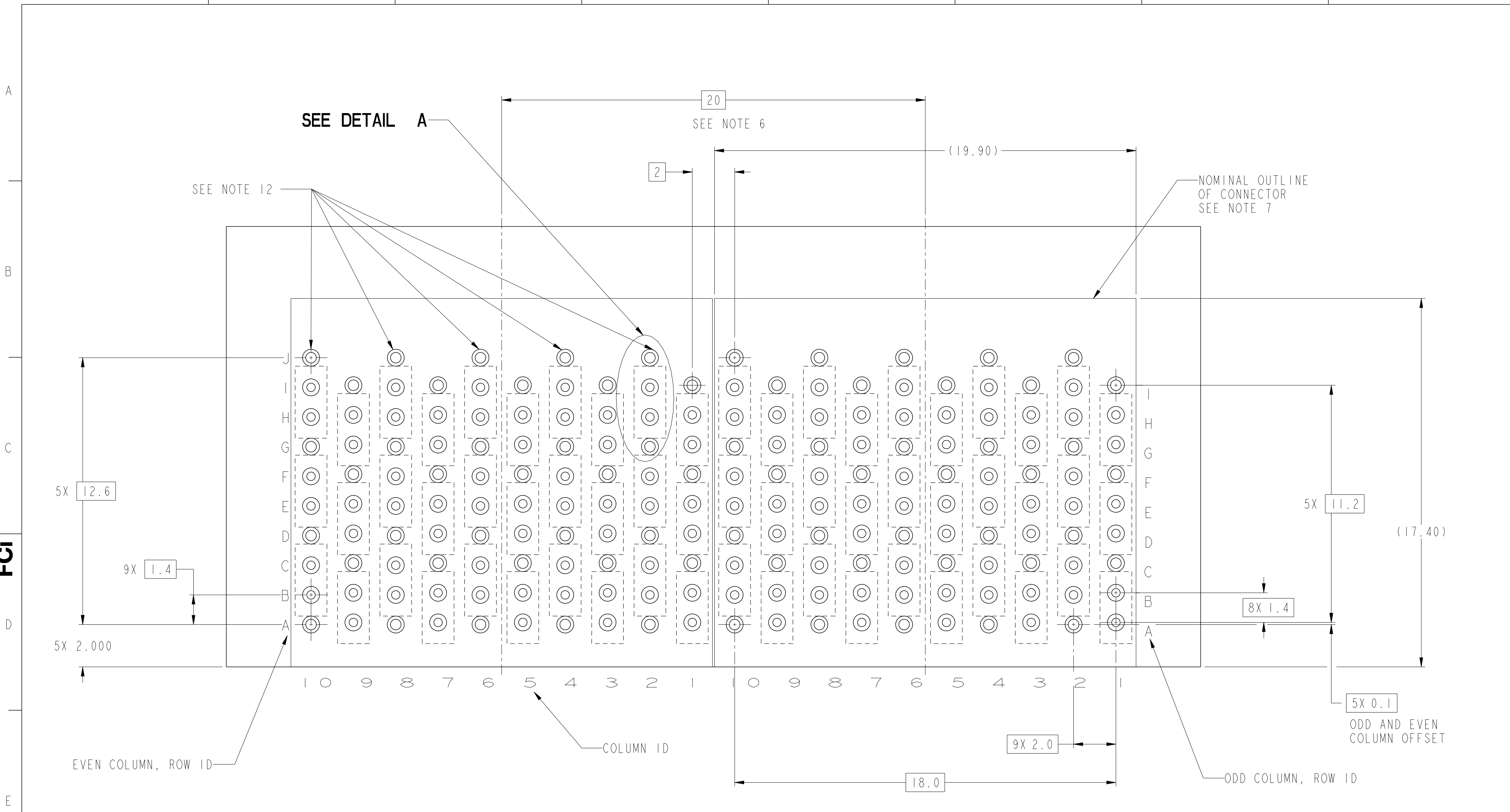
PRODUCT NUMBER  
SEE SHEET 3



Amphenol  
FCi

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spec ref	---	dr	Tao Zhan	2016/01/29	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2018/12/03			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Stone Li	2018/11/30						
		appr	Heaven Cen	2018/12/03						
surface	linear	0.X	±.3		product family		AirMax VSE	title <b>AIRMAX VS2 R.A. RECEPTACLE</b> ASS'Y, 3 PAIR, 90 POS, 10 IMLA, 20MM	dwg no 10136587	rev A
		0.XX	±.10		cat. no.		-			
		0.XXX	±.050		Product - Customer Drw		sheet 1 of 3			
	angular	0°	±°	STATUS:Released		Printed: Dec 03, 2018				

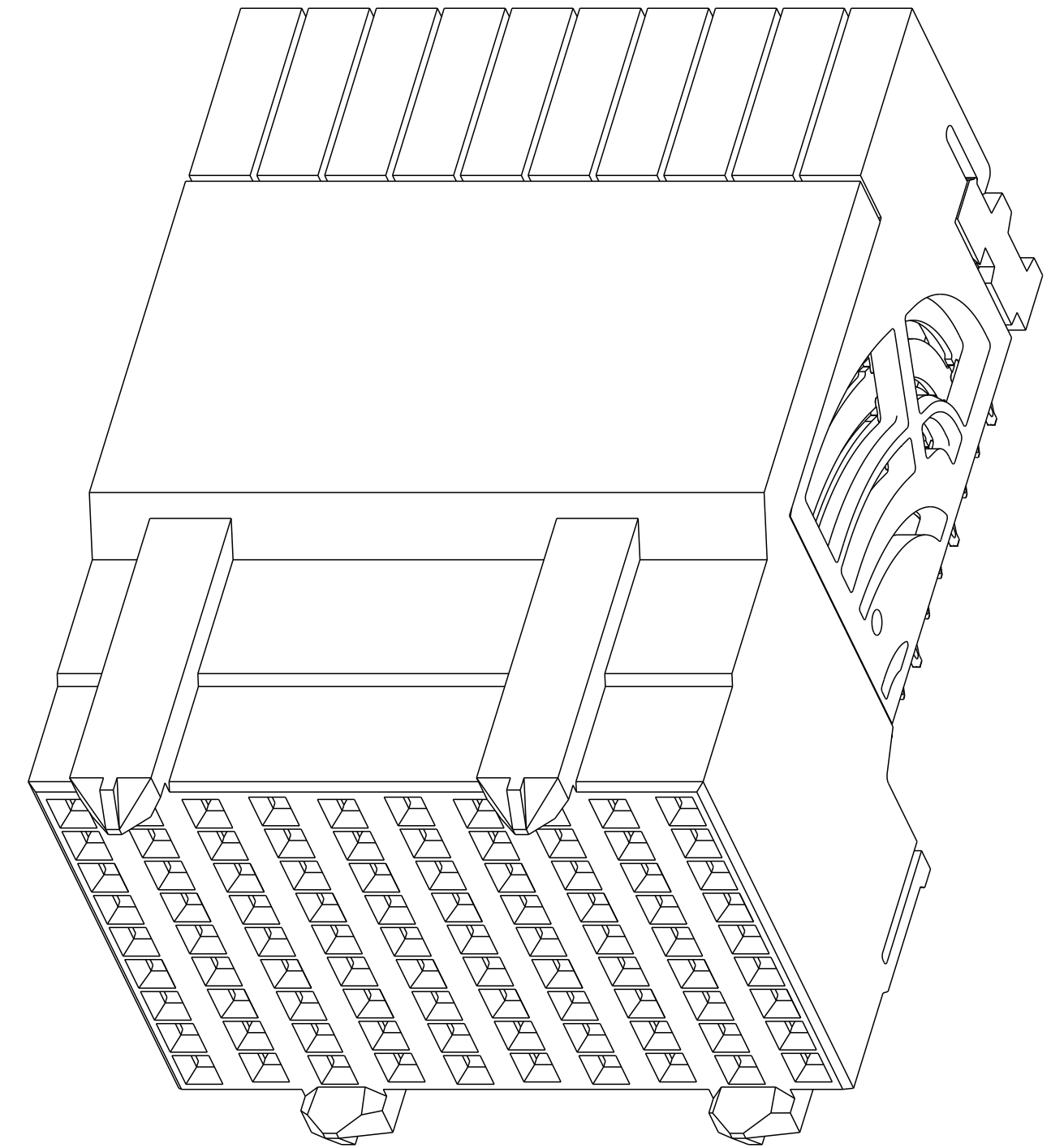


**RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
SEE NOTES 6, 8 & 11**

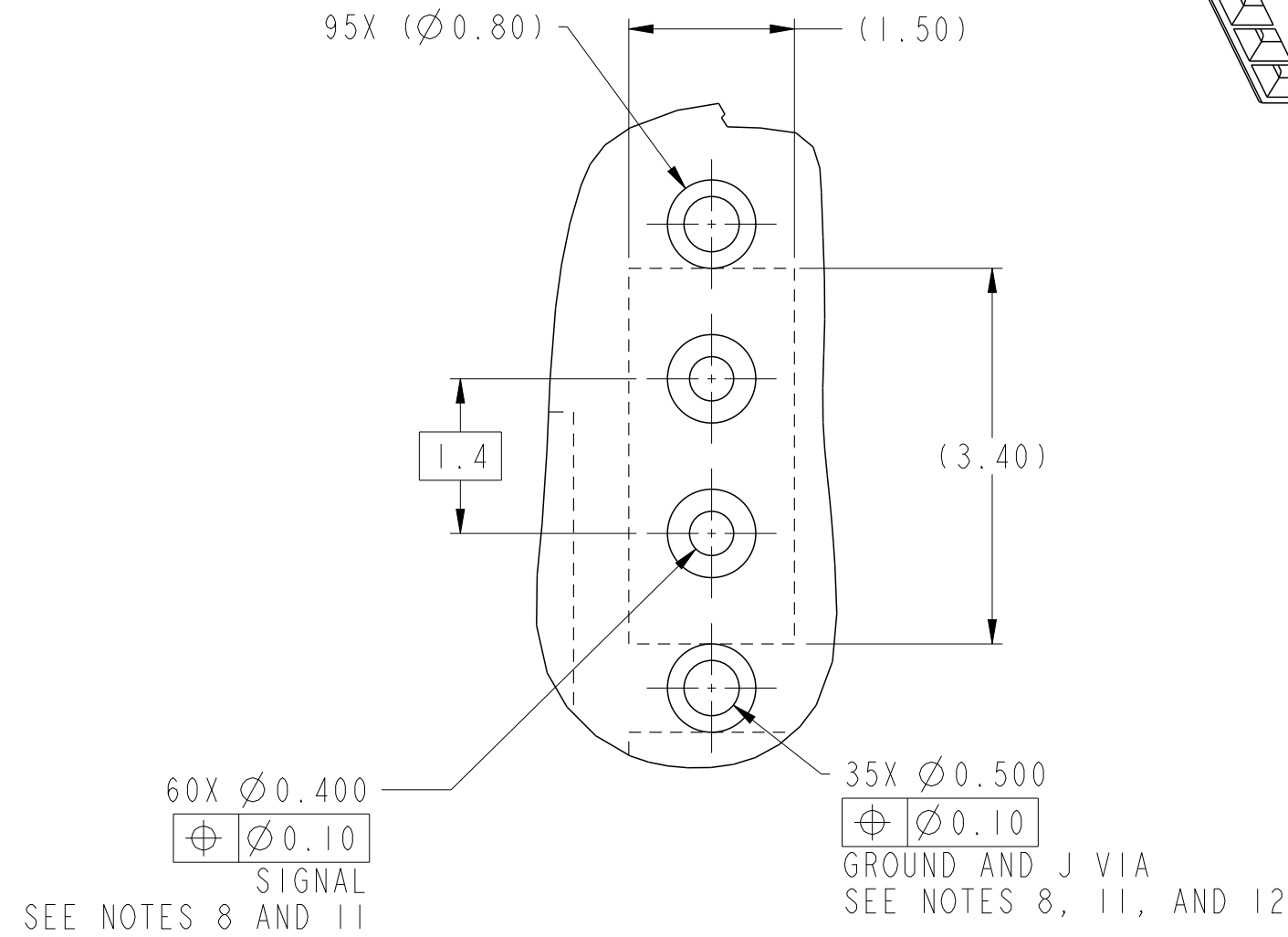
spec ref	---	dr	Tao Zhan	2016/01/29	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2018/12/03			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Stone Li	2018/11/30						
		appr	Heaven Cen	2018/12/03						
surface	-				product family	AirMax VSE	part no	10136587	rev	A
	linear	0.X	±.3		title		AIRMAX VS2 R.A. RECEPTACLE		cat. no.	
		0.XX	±.10		ASS'Y, 3 PAIR, 90 POS, 10 IMLA, 20MM		Product - Customer Drw		sheet 2 of 3	
		0.XXX	±.050							
	angular	0°	±°							

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10136587-101LF	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 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 RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



3D VIEW  
10136587-101LF



DETAIL A  
SCALE 16:1

spec ref	---	dr	Tao Zhan	2016/01/29	projection	MM	size	A2	scale	4:1													
tolerance std	ASME Y14.5M	eng	Terry Luo	2018/12/03			ecn no	-	rel level	Released													
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Stone Li	2018/11/30																			
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.10</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	±.10		0.XXX	±.050	angular	0°	±°	appr	Heaven Cen	2018/12/03	product family	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 90 POS, 10 IMLA, 20MM		dwg no	10136587	rev	A
linear	0.X	±.3																					
	0.XX	±.10																					
	0.XXX	±.050																					
angular	0°	±°																					
		Amphenol FCI		cat. no.		Product - Customer Drw		sheet 3 of 3															