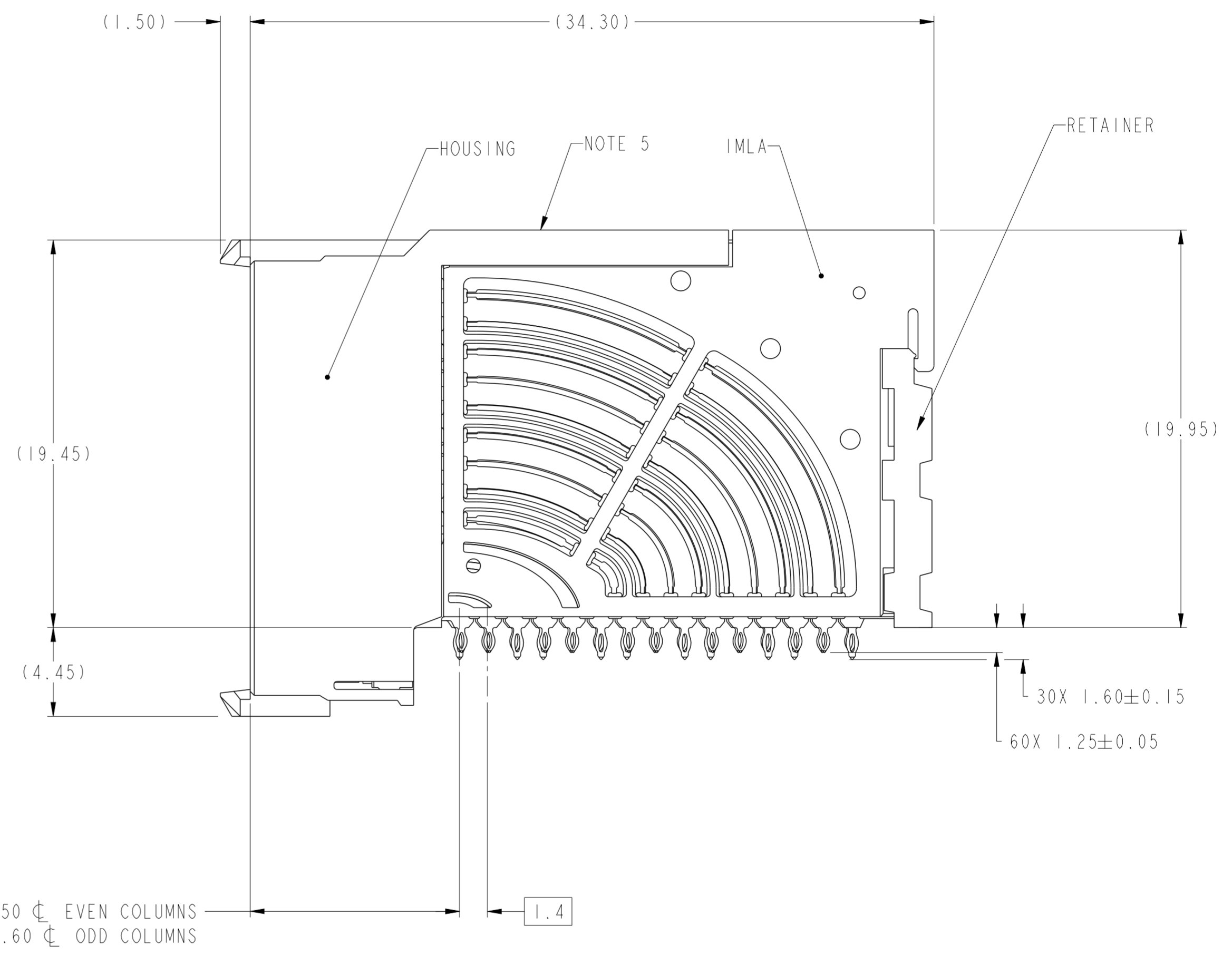
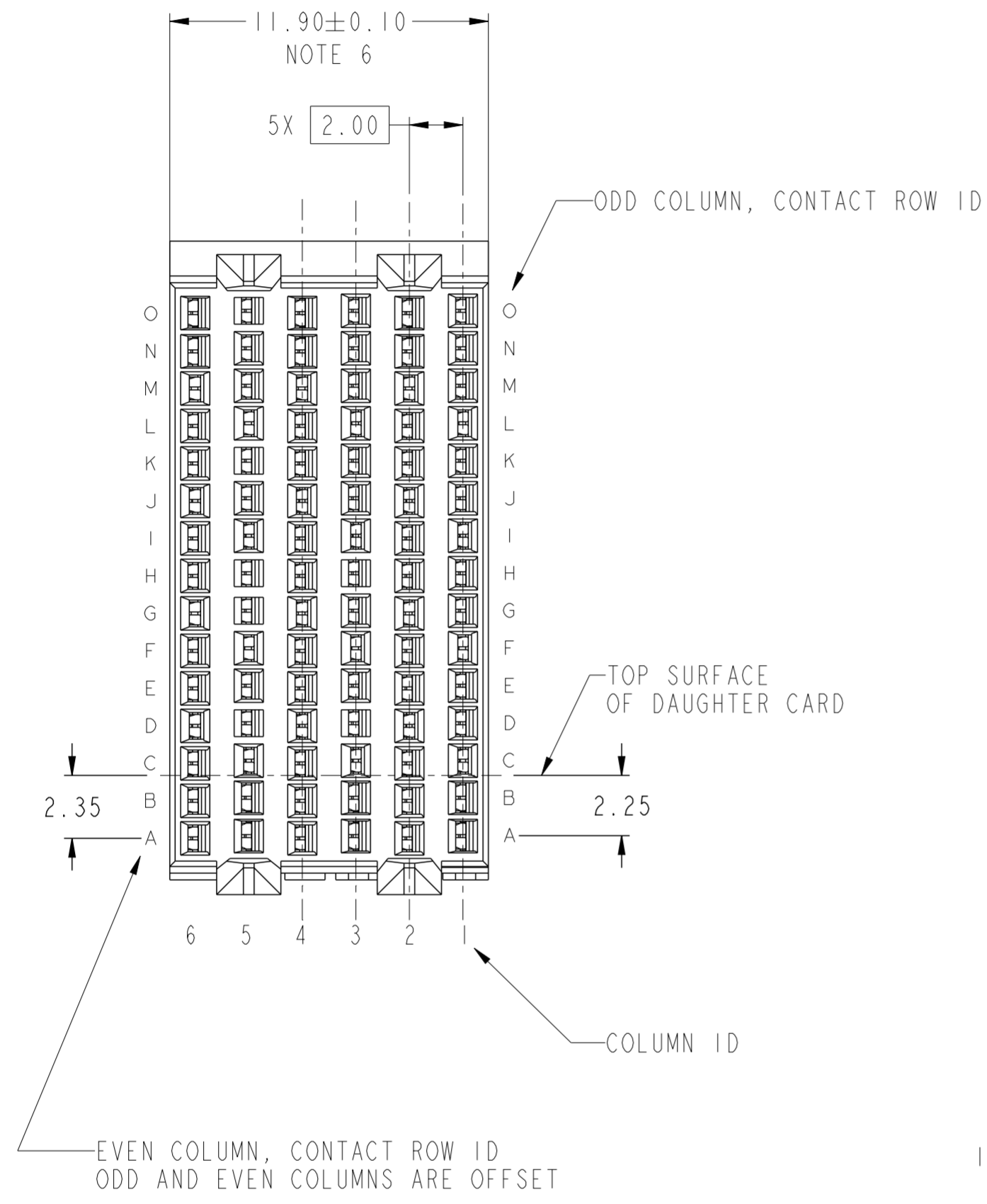


PRODUCT NUMBER
SEE SHEET 3

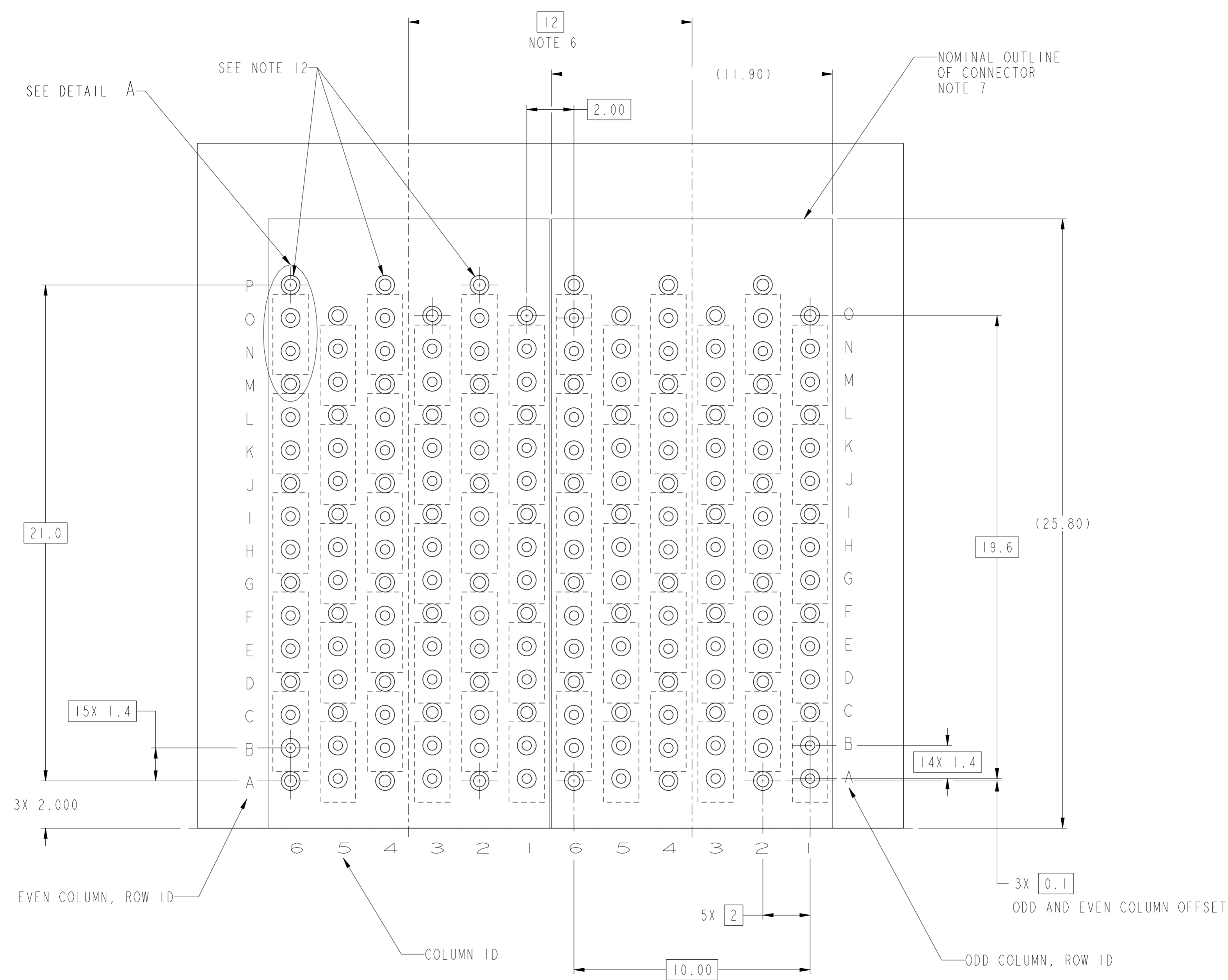


Amphenol
FCi

© 2016 AFci

NO TOOLED
PRELIMINARY

spec ref	---	dr	Jackie Chen	2015/05/14	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/15			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	cat. no.						
surface	-	linear	0.X	±.3		AIRMAX VS2 RA RECEPTACLE 5 PAIR, 90 POS, 2MM, 6 COL	dwg no	10135299	rev	1
			0.XX	±.10						
			0.XXX	±.050						
		angular	0°	±°						



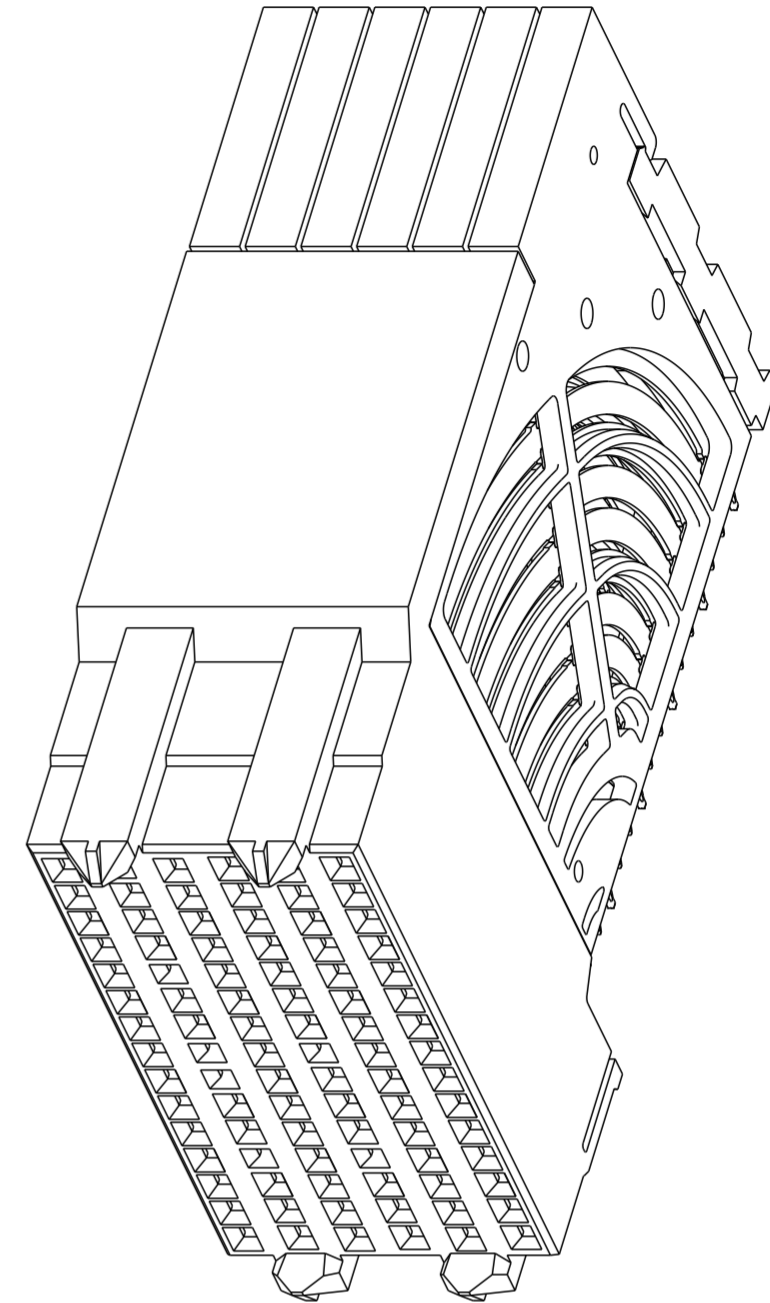
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

PRELIMINARY

spec ref	---	dr	Jackie Chen	2015/05/14	projection	MM	size	A2	scale	1:1	
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/15			ecn no	-	rel level	Preliminary	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			-				
surface	✓	linear	0.X	±.3	Amphenol FCI	title AIRMAX VS2 RA RECEPTACLE 5 PAIR, 90 POS, 2MM, 6 COL	dwg no	10135299	rev	1	
			0.XX	±.10			cat. no.	-		Product - Customer Drw	sheet 2 of 3
		angular	0°	±°							

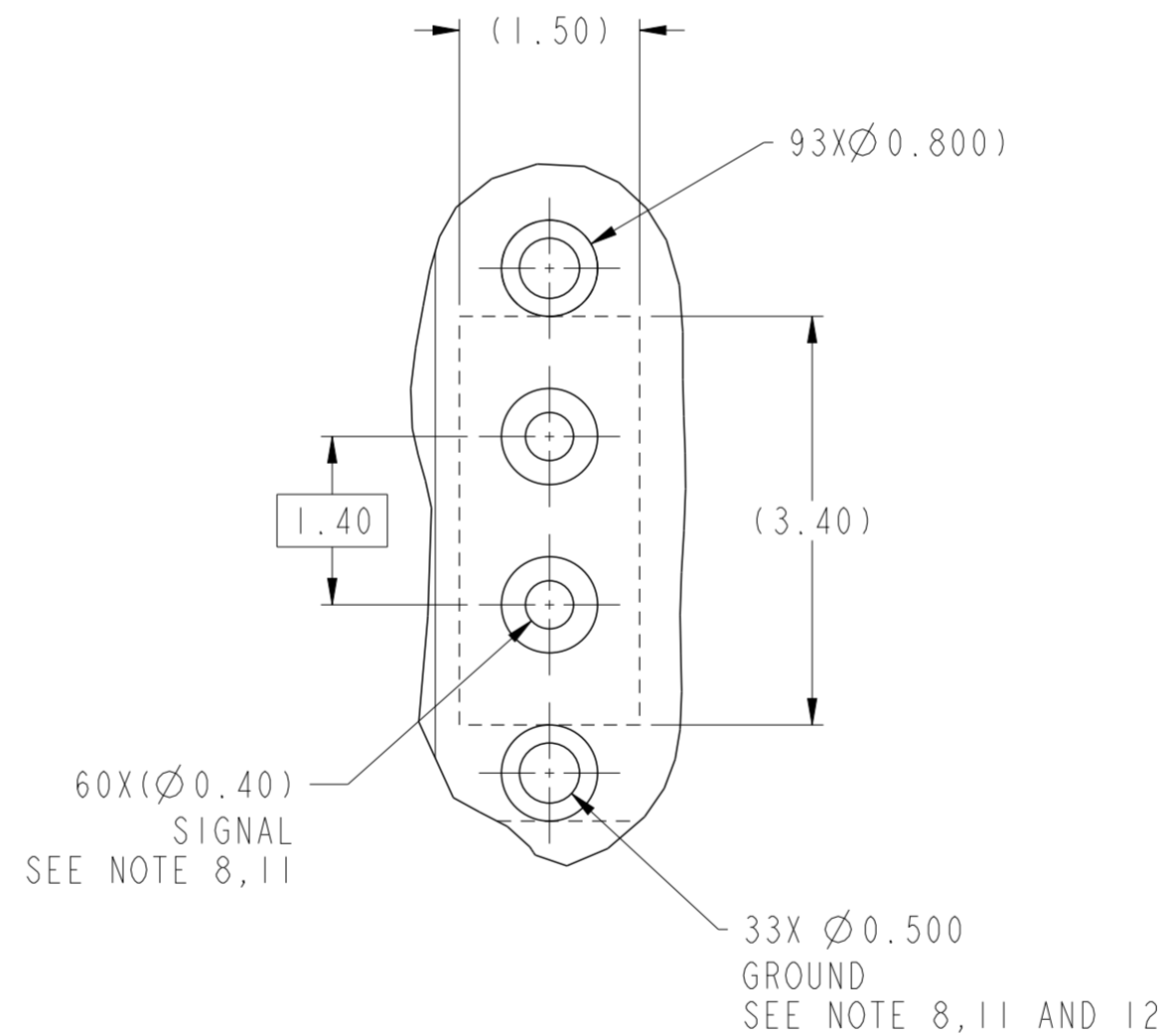
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135299-101LF	TIN OVER NICKEL (LEAD FREE)

- 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, (PROTOTYPE, 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,I,L AND O IN ODD COLUMNS AND A,D,G,J AND M, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.
- ⑫ - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES, WE RECOMMEND (Ø 0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10135299-101LF

SCALE 4:1



DETAIL A
SCALE 16:1

PRELIMINARY

spec ref	---	dr	Jackie Chen	2015/05/14	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/15			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			-	product family		AIRMAX VS2 RA RECEPTACLE
surface	<input checked="" type="checkbox"/> linear	0.X	±.3	Amphenol FCI	title AIRMAX VS2 RA RECEPTACLE 5 PAIR, 90 POS, 2MM,6 COL	cat. no.	Product - Customer Drw	sheet 3 of 3	rev 1	
		0.XX	±.10							
		0.XXX	±.050							
		angular	0°							