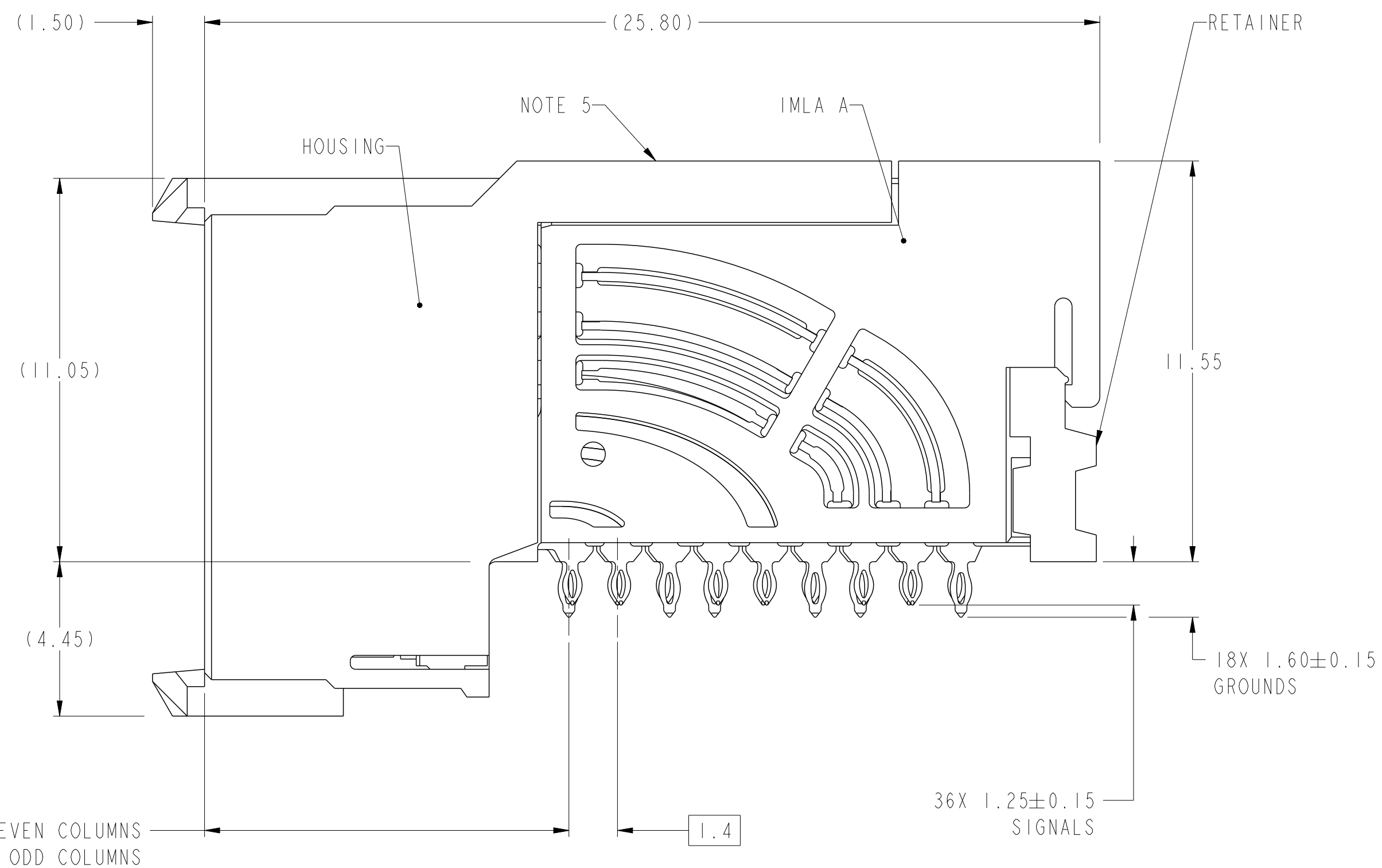
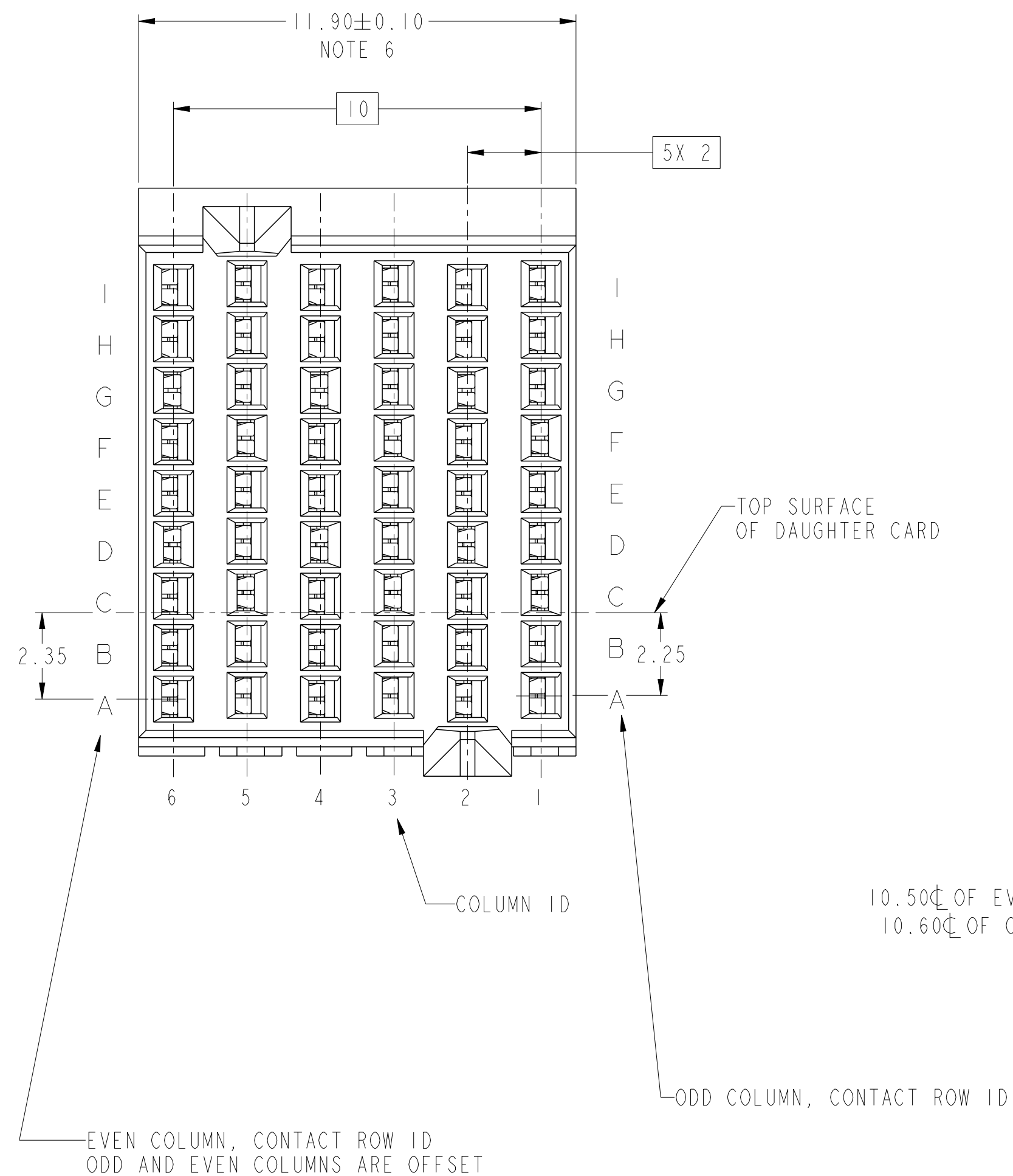
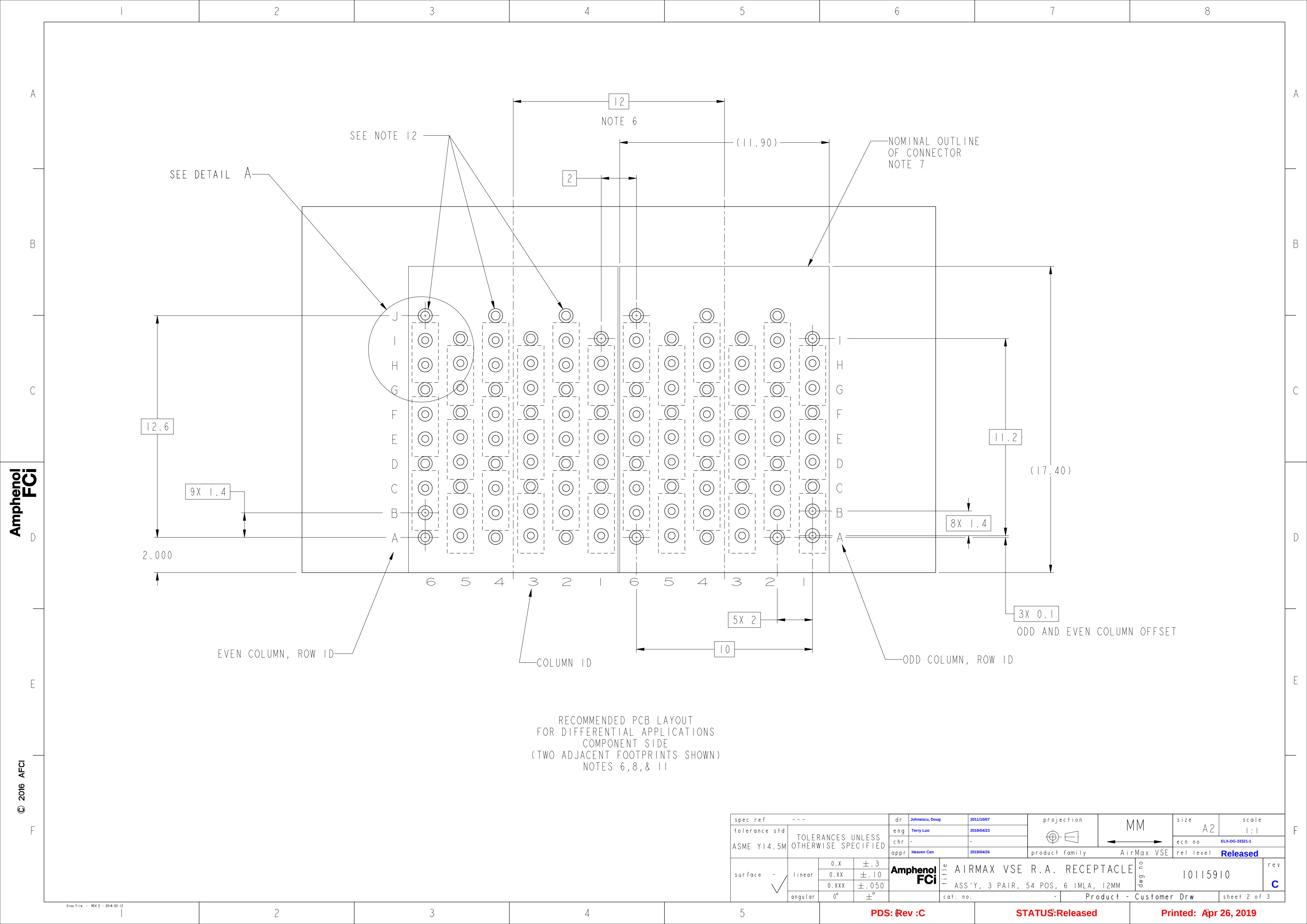




spec ref		---		dr		Johnescu, Doug		2011/10/07		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Terry Luo		2019/04/23						ecn no		ELX-DG-33321-1			
ASME Y14.5M						chr		-		-											
						appr		Heaven Cen		2019/04/26		product family		AirMax VSE		rel level		Released			
surface - 		linear		0.X		±.3		Amphenol FCI		title		AIRMAX VSE R.A. RECEPTACLE		dwg no		10115910		rev		C	
				0.XX		±.10															
				0.XXX		±.050															
		angular		0°		±°				cat. no.		-		Product - Customer Drw		sheet 1 of 3					



Amphenol
FCi

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

spec ref		---		dr	Johnescu, Doug		2011/1007		projection MM	size	A2		scale	1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo		2019/04/23			ecn no	ELX-DG-33321-1								
ASME Y14.5M				chr	-		-			rel level		Released							
				appr	Heaven Cen		2019/04/26			product family		AirMax VSE							
surface -	linear	0.X		±.3		Amphenol FCI	title	AIRMAX VSE R.A. RECEPTACLE						dwg no	10115910		rev	C	
		0.XX		±.10															
		0.XXX		±.050				ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM											
		angular		0°				±°		cat. no.		-			Product - Customer Drw				

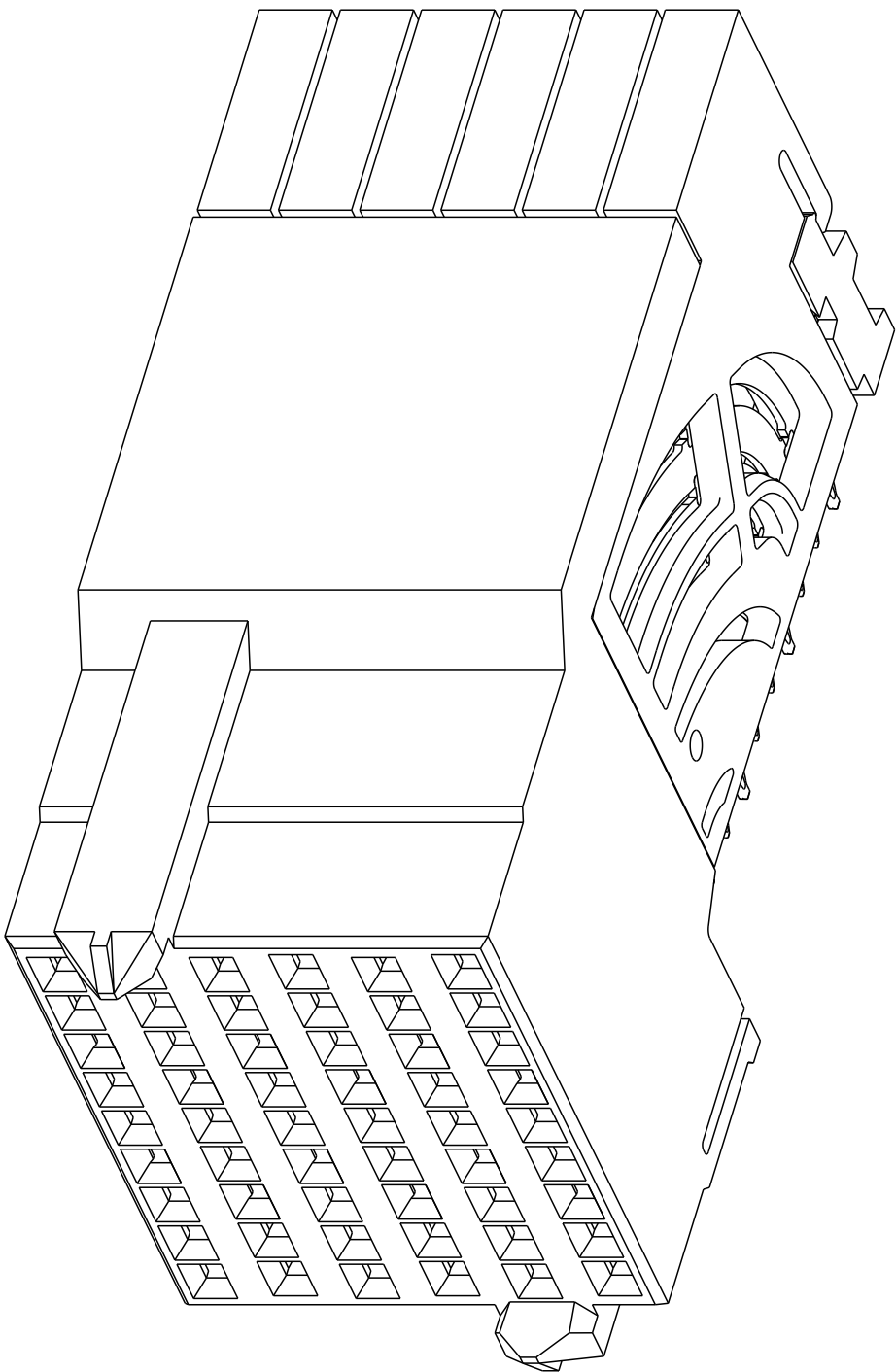
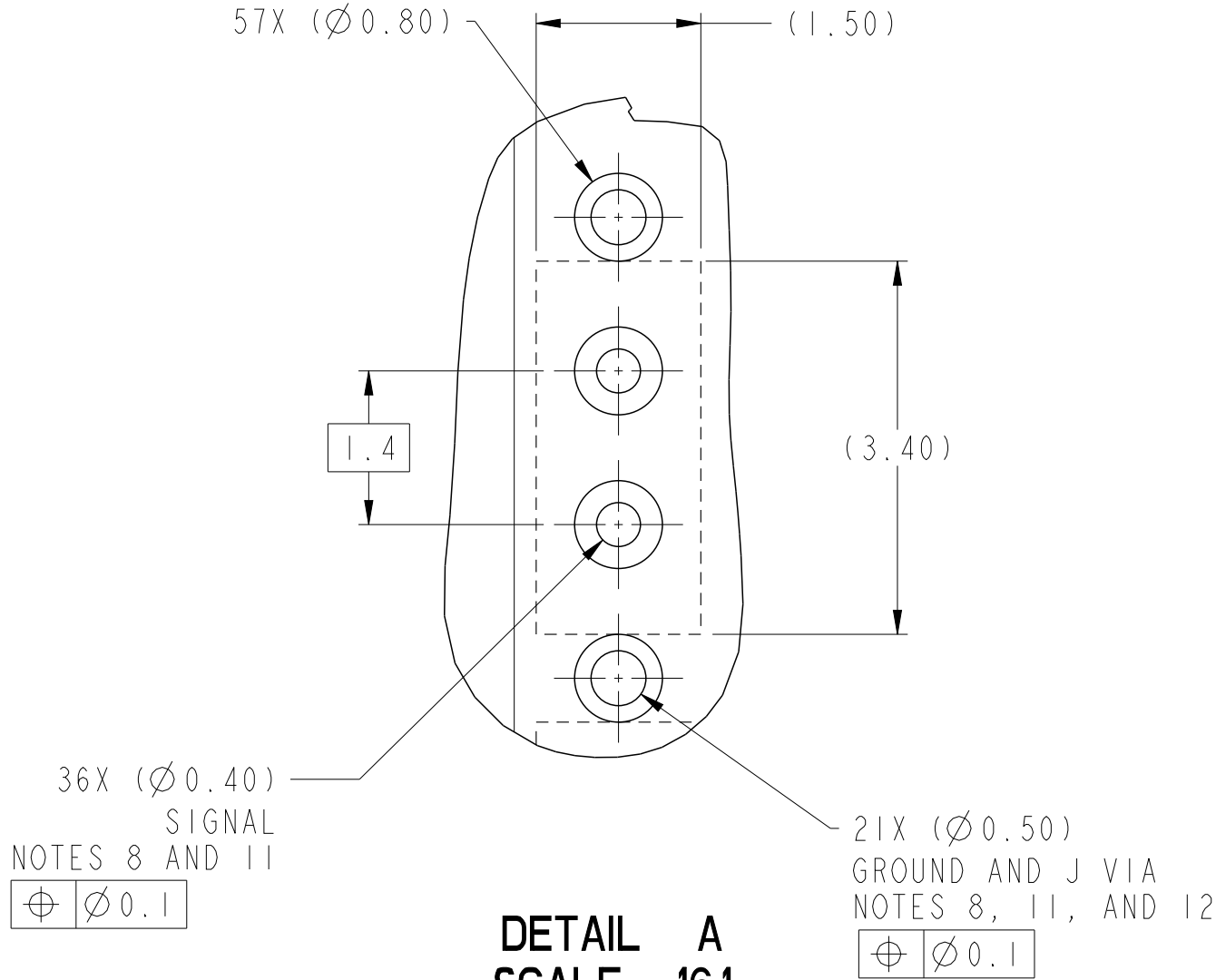
PDS: Rev :C

STATUS:Released

Printed: Apr 26, 2019

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10115910-101	TIN/LEAD ALLOY OVER NICKEL
10115910-101LF	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.



10115910-101 OR -101LF

spec ref	---	dr	Johnescu, Doug	2011/1007	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/04/23	chr	-	ecn no	ELX-DG-33321-1	rel level	Released
surface	linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±°
Amphenol FCi	title	AIRMAX VSE R.A. RECEPTACLE	ASS'Y, 3 PAIR, 54 POS, 6 IMLA, 12MM	cat. no.	Product - Customer Drw	sheet 3 of 3	rev	C		