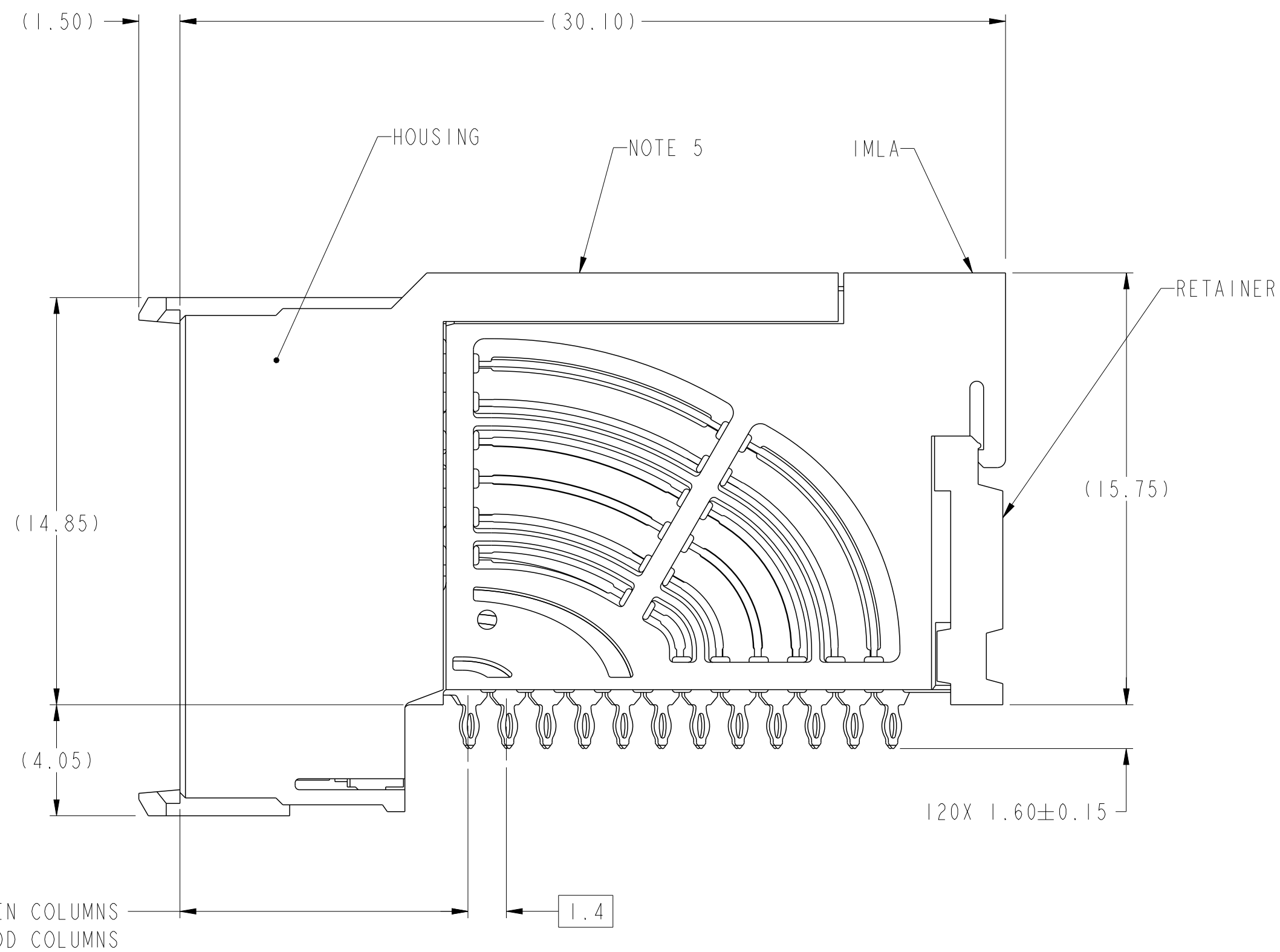
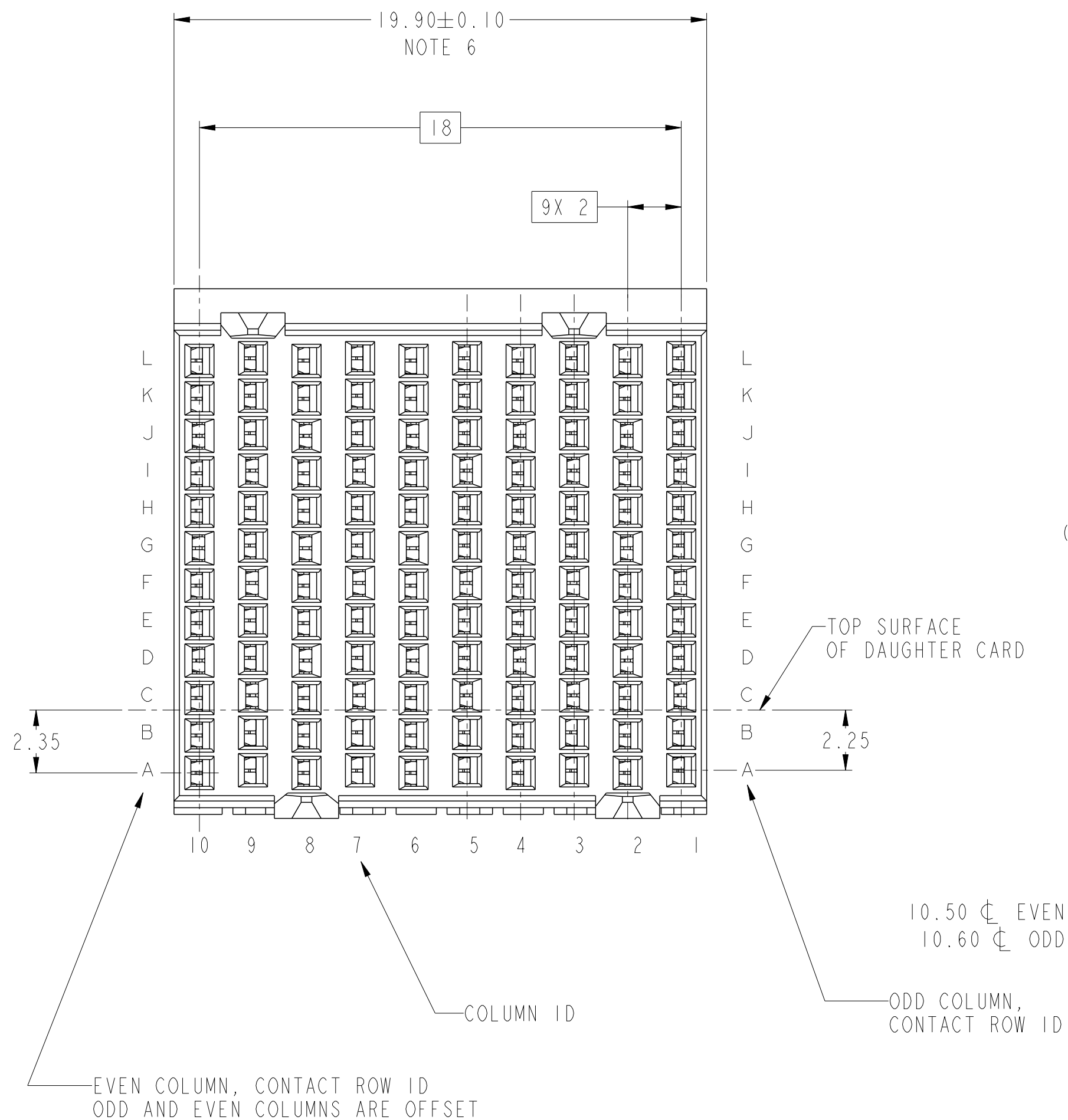
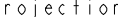
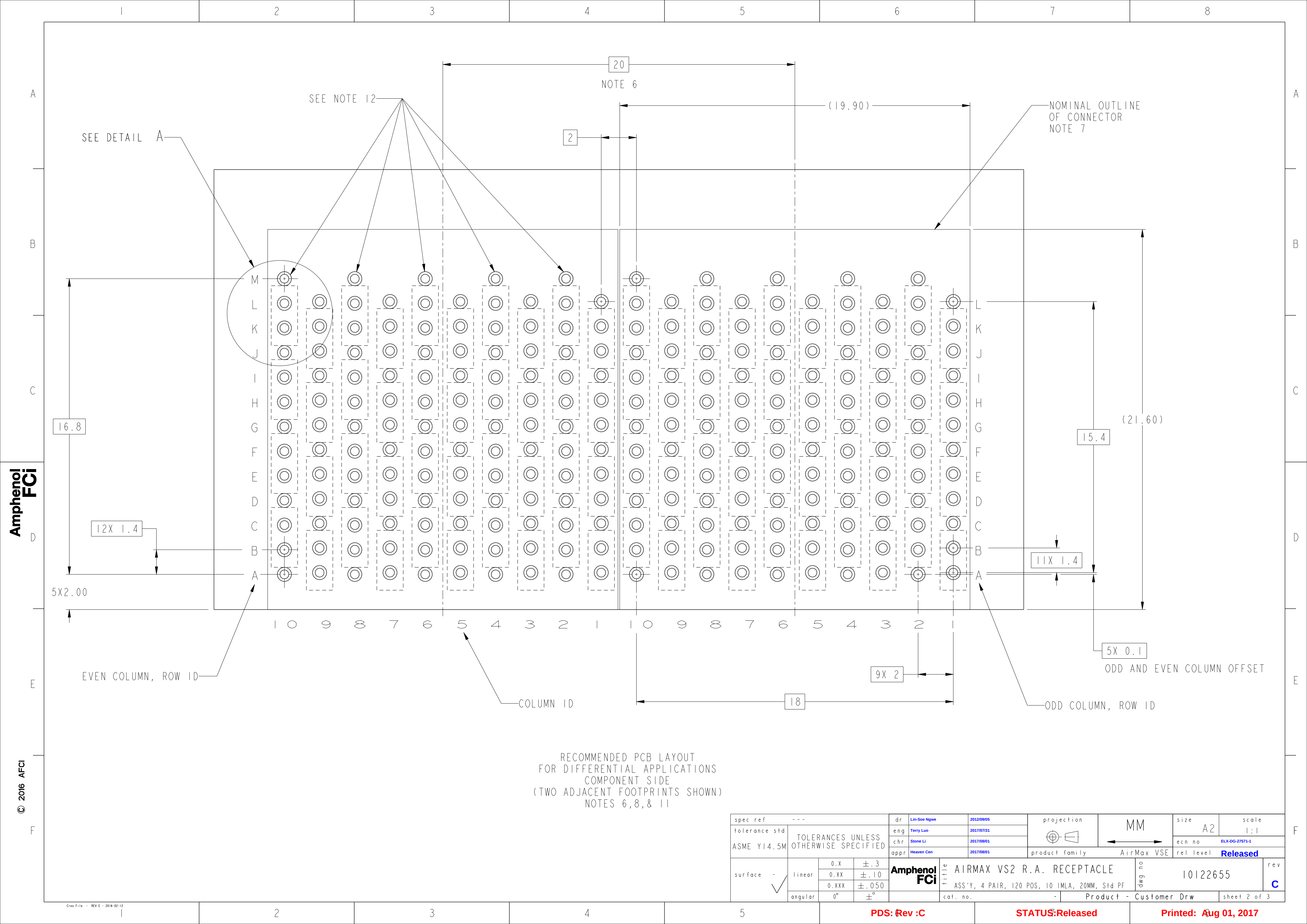




spec ref		---		dr		Lin-Soe Ngwe		2012/0905		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2017/0721						ecn no		ELX-DG-27571-1					
ASME Y14.5M				chr		Stone Li		2017/0801													
				appr		Heaven Cen		2017/0801													
										product family		AirMax VSE		rel level		Released					
surface		linear				Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10122655		rev		C			
		0.X																		±.3	
		0.XX																		±.10	
		0.XXX		±.050																	
		angular		0°		±°															

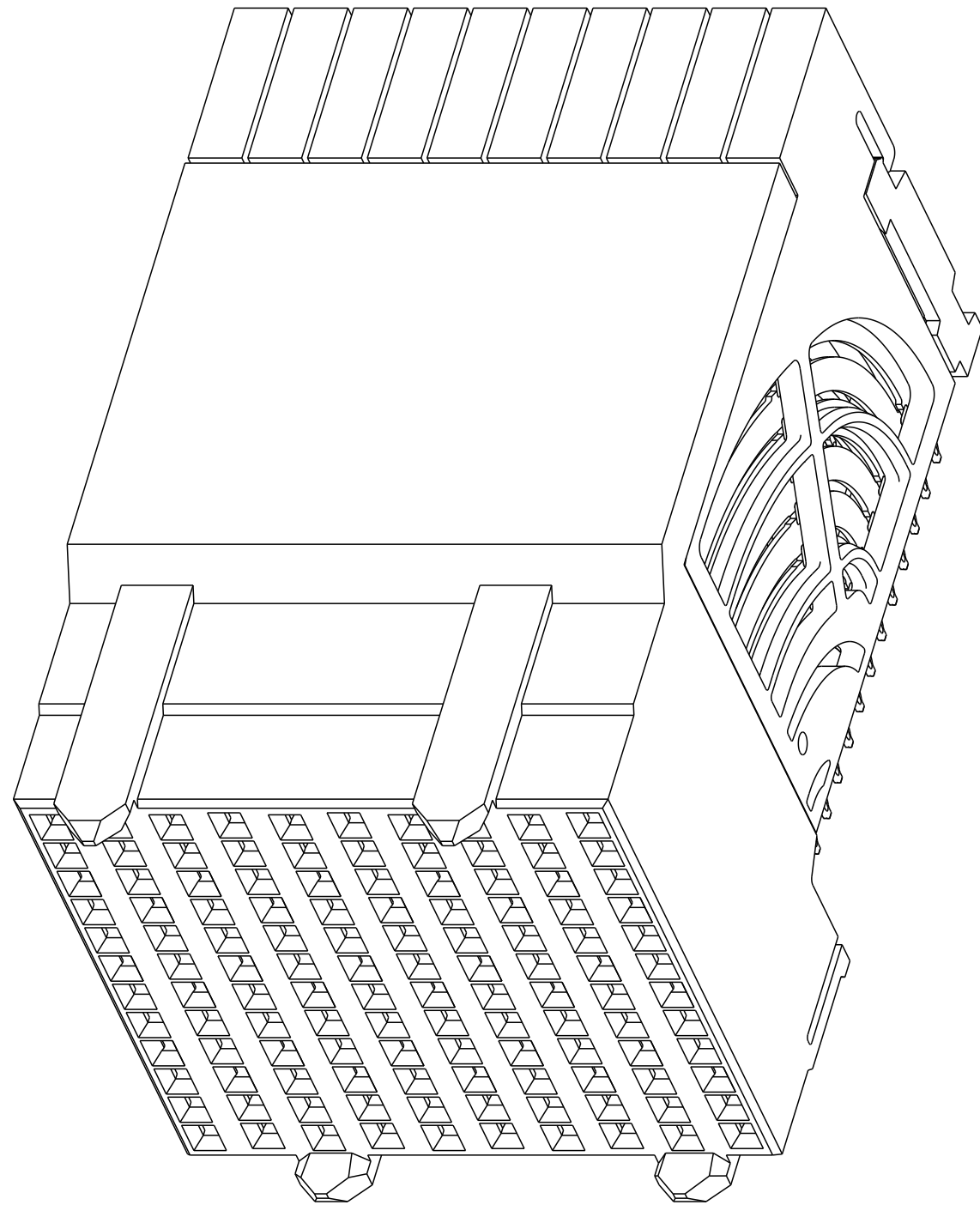
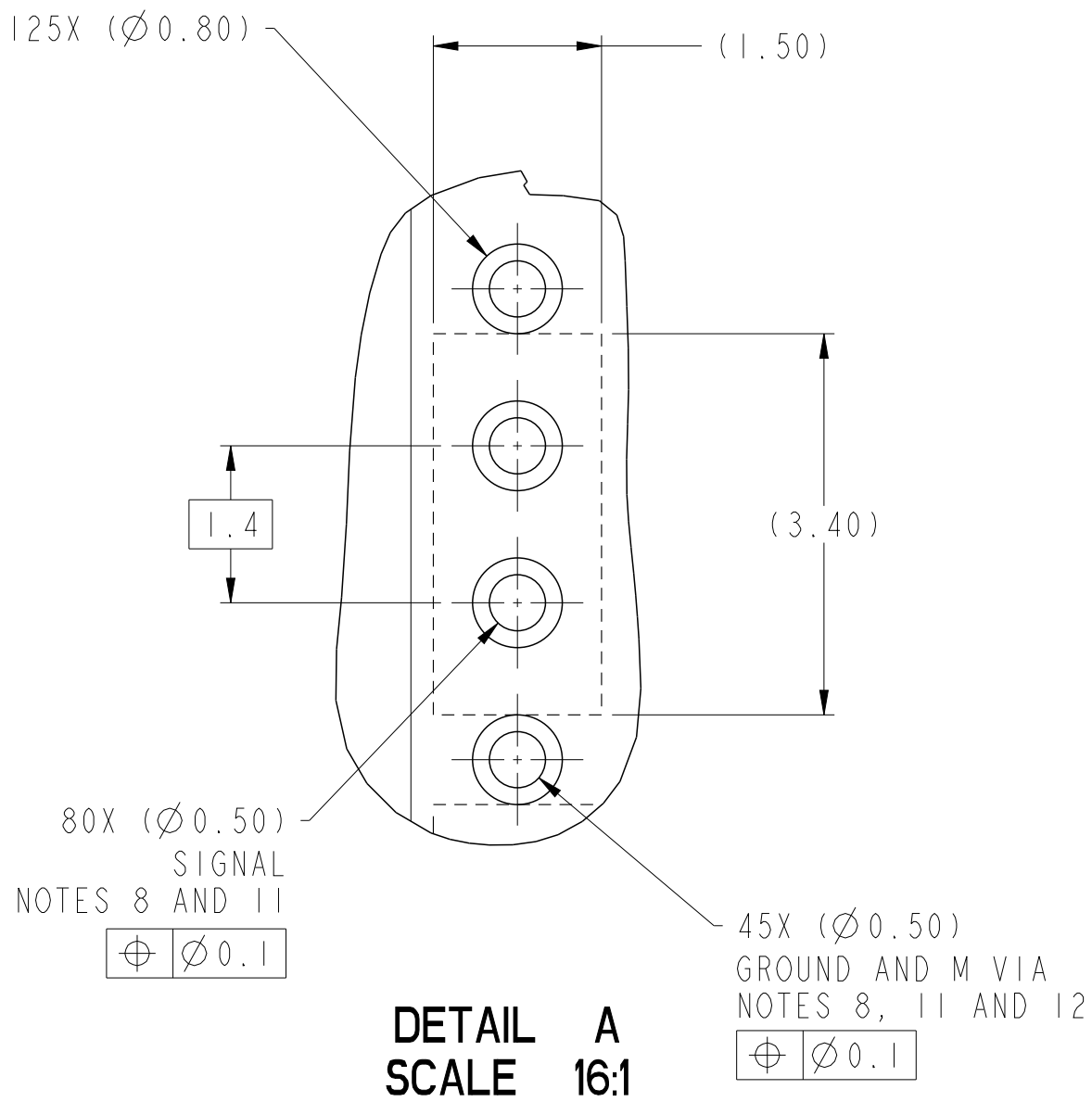


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref		---		dr		Lin-Soe Ngwe		2012/09/05		projection		MM		size		A2		scale		1:1											
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2017/07/31						ecn no		ELX-DG-27573-1															
ASME Y14.5M				chr		Stone Li		2017/08/01						rel level		Released															
surface - ✓		linear		Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10122655		rev		C															
																				appr		Heaven Cen		2017/08/01		product family		AirMax VSE			

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10122655-101	TIN/LEAD ALLOY OVER NICKEL
10122655-101LF	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, (PROTOTYPE, 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, I AND L IN ODD COLUMNS AND A, D, G AND J, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.500) FINISHED HOLES.
- 12 - THESE OUTER VIAS (M) 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.
- 13 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



10122655-101 OR -101LF

spec ref	---	dr	Lin-Soe Ngwe	2012/09/05	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2017/07/31	chr	Stone Li	ecn no	ELX-DG-27571-1	rel level	Released
surface	linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±°
Amphenol FCI	title	AIRMAX VS2 R.A. RECEPTACLE	ASS'Y, 4 PAIR, 120 POS, 10 IMLA, 20MM, Std PF	cat. no.	Product - Customer Drw	sheet 3 of 3	rev	C		