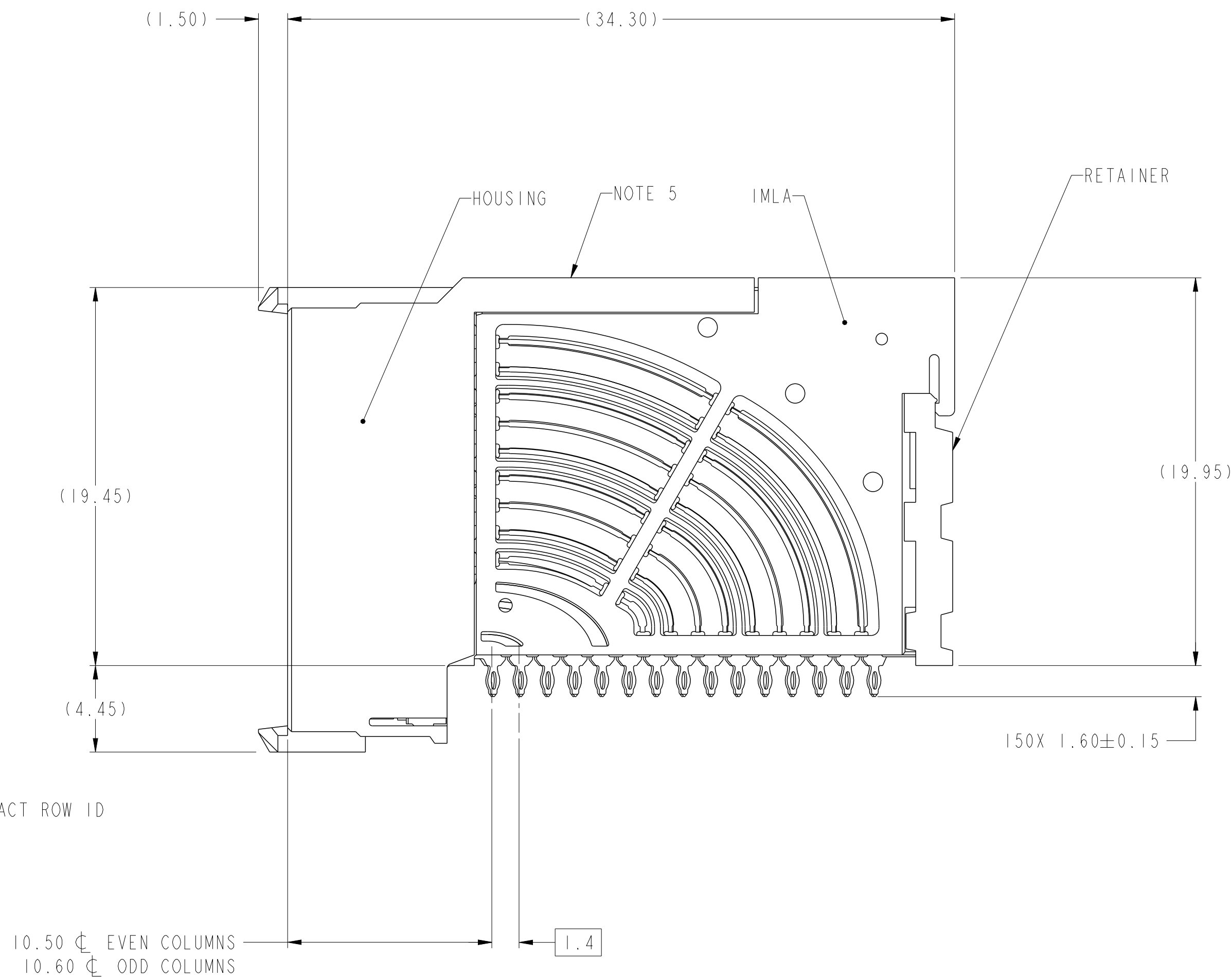
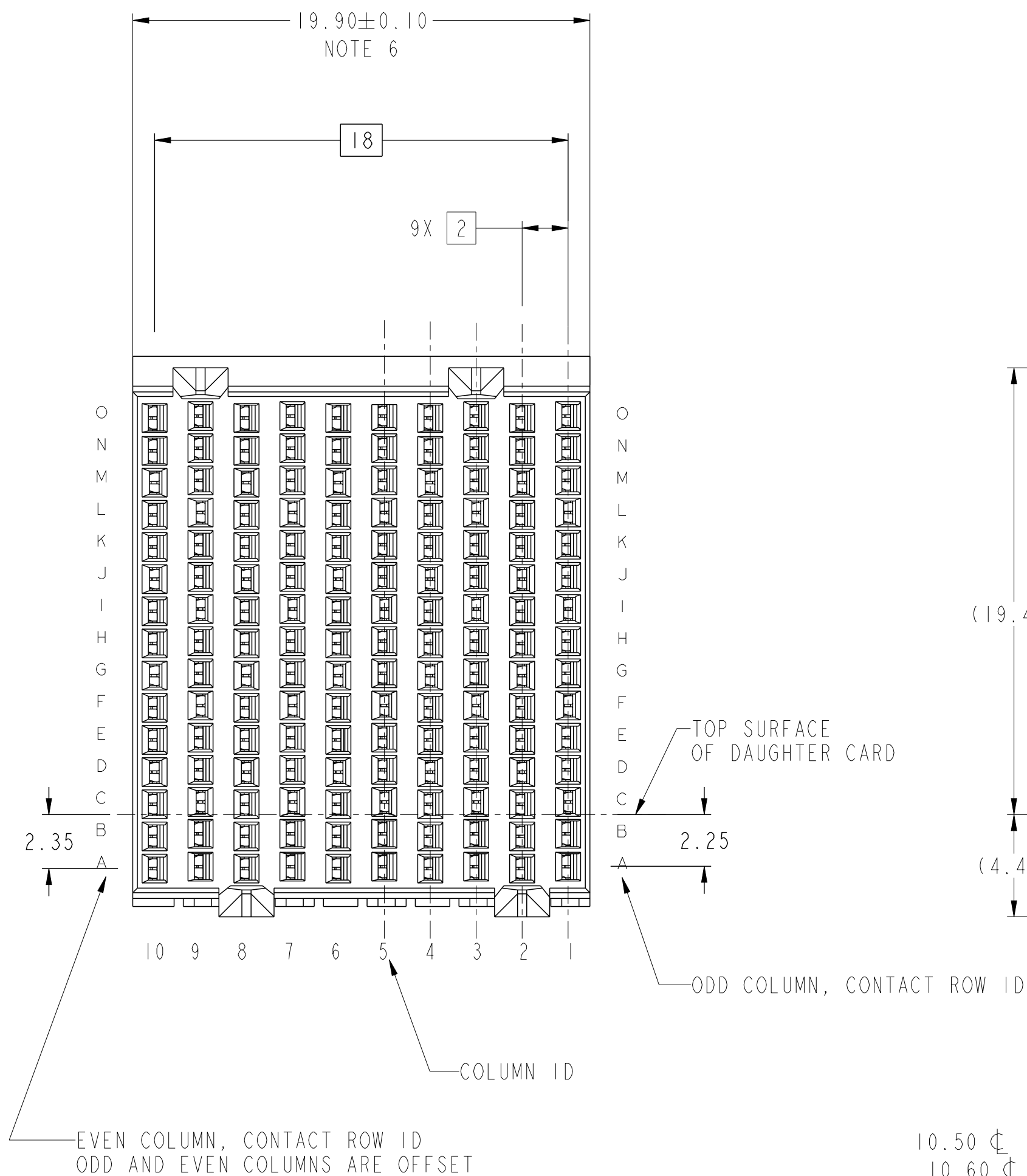
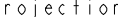
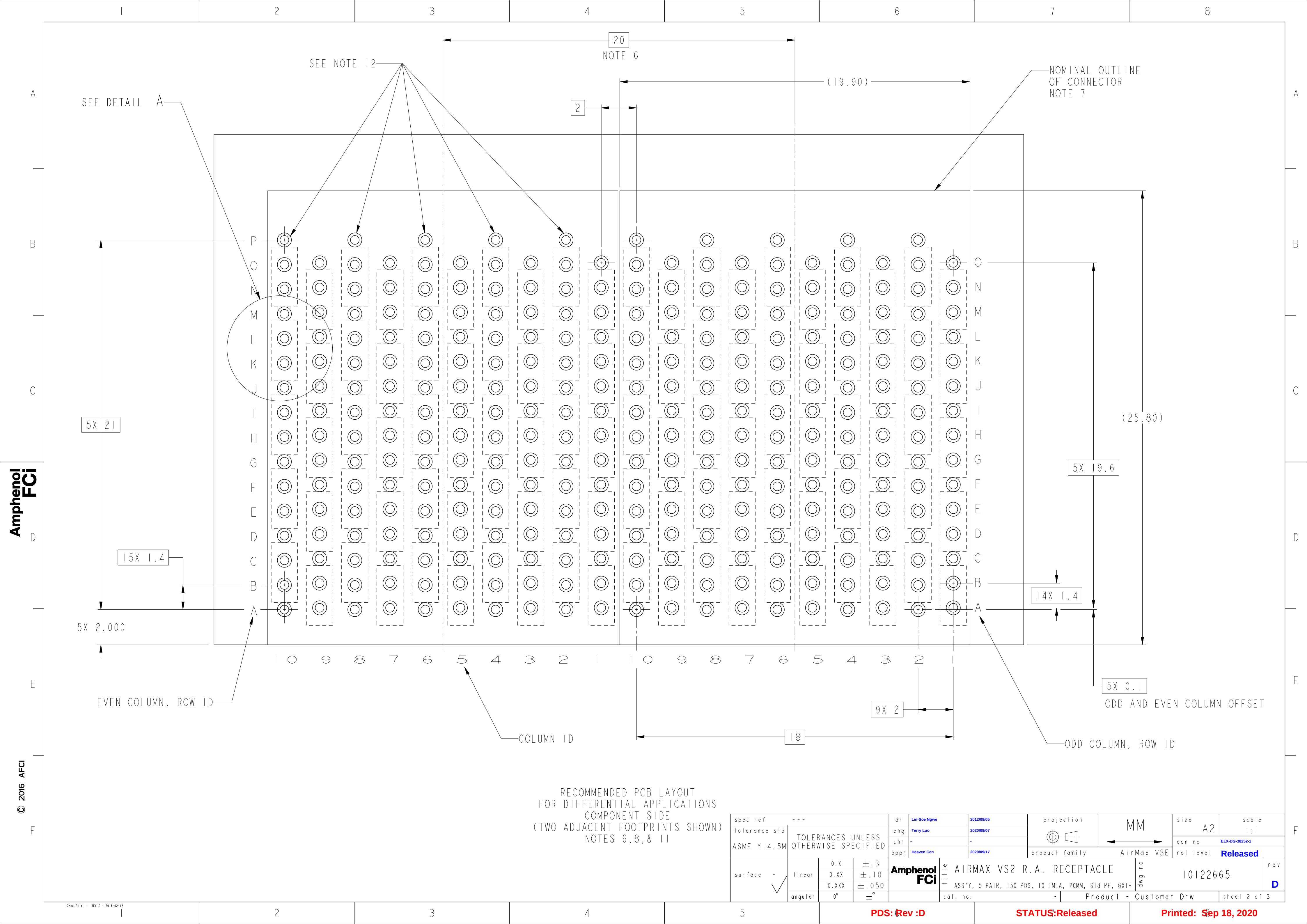




spec ref		---		dr		Lin-See Ngwe		2012/09/05		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Terry Luo		2020/09/07						ecn no		ELX-DG-36252-1			
ASME Y14.5M						chr		-		-											
						appr		Heaven Cen		2020/09/17		product family		AirMax VSE		rel level		Released			
surface		- 		linear		Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10122665		rev		D			
		0.X		±.3																	
		0.XX		±.10																	
				0.XXX																	
				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 Lin-Soe Ngwe		2012/09/05		projection		MM		size A2		scale 1:1							
tolerance std				eng Terry Luo		2020/09/07						ecn no		ELX-DG-38252-1							
ASME Y14.5M				chr -		2020/09/17						product family		AirMax VSE		rel level Released					
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Heaven Cen		2020/09/17		product family		AirMax VSE		rel level		Released							
				Amphenol FCi		title		AIRMAX VS2 R.A. RECEPTACLE		dwg no		10122665		rev D							
surface -		linear		0.X ±.3		0.XX ±.10		0.XXX ±.050		angular		0° ±°		cat. no.		-		Product - Customer Drw		sheet 2 of 3	

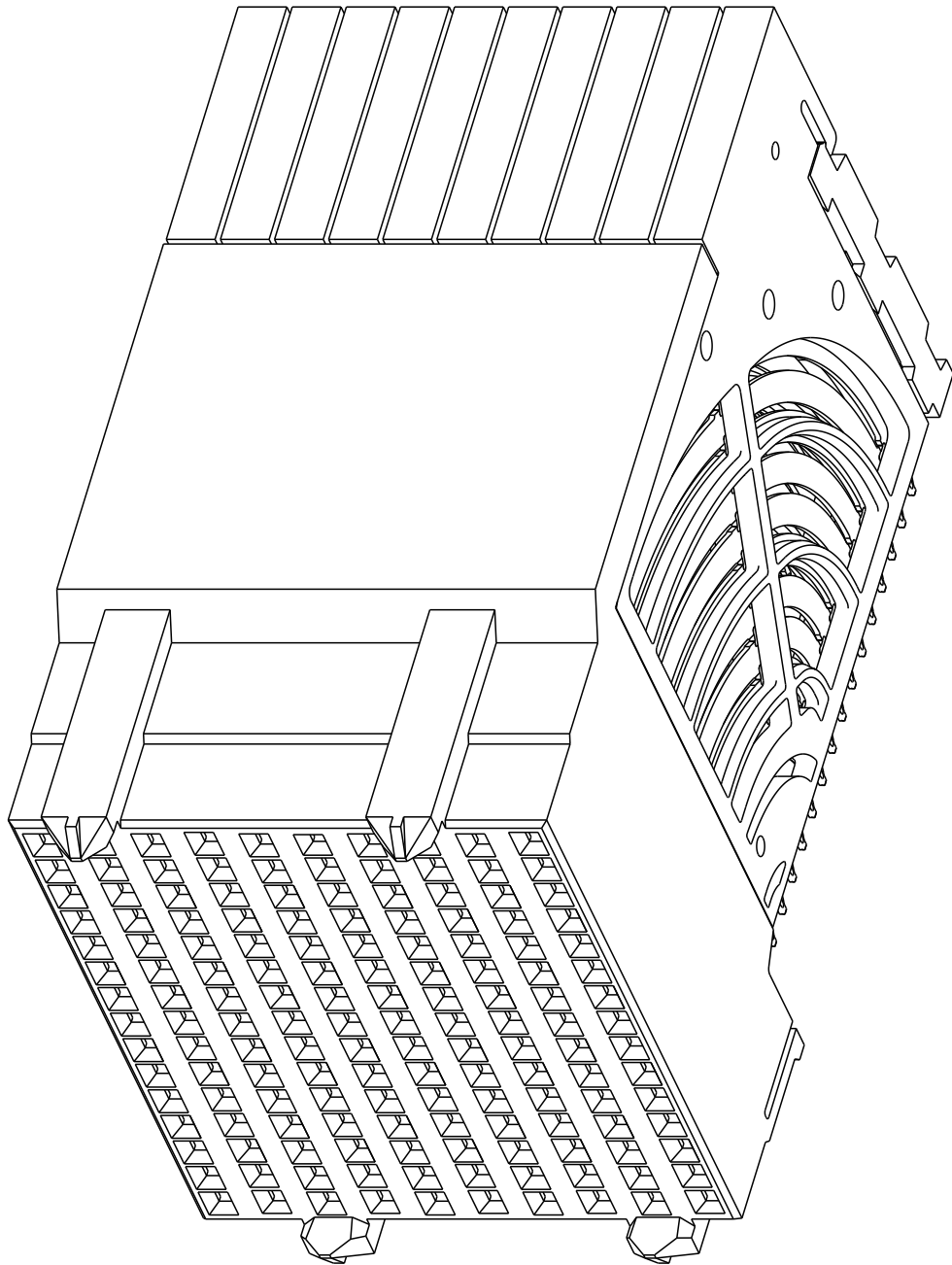
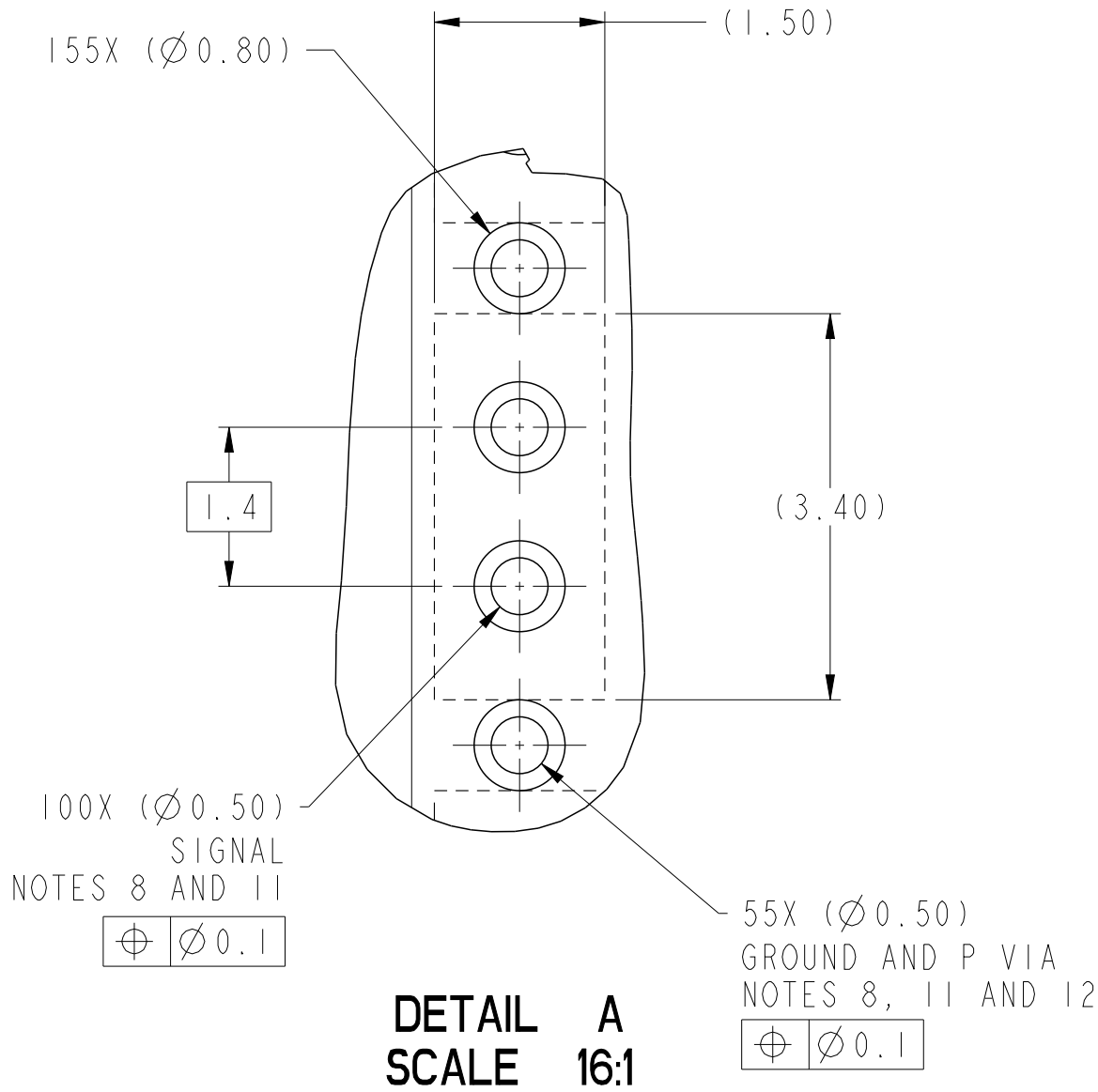
PDS: Rev :D

STATUS:Released

Printed: Sep 18, 2020

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10122665-101LF	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 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,L AND O IN ODD COLUMNS AND A,D,G,J AND M,
EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS
REQUIRE (Ø0.500) 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.



10122665-101LF

SCALE 4:1

spec ref	---	dr	Lin-Soe Ngwe	2012/09/05	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/07	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 VS2 R.A. RECEPTACLE	ASS'Y, 5 PAIR, 150 POS, 10 IMLA, 20MM, Std PF, GXT+	cat. no.	Product - Customer Drw	sheet 3 of 3	rev	D		