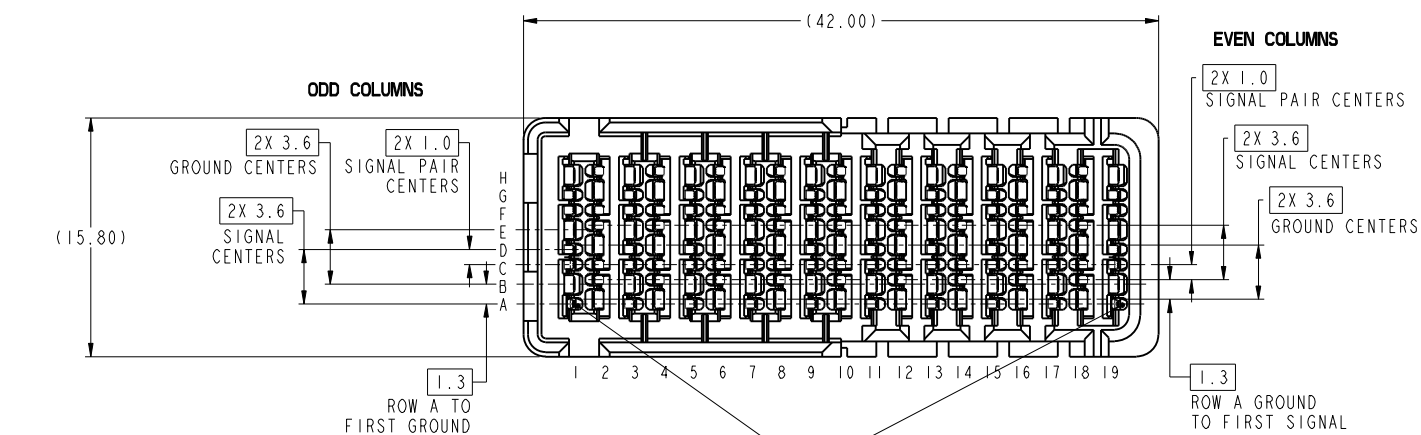
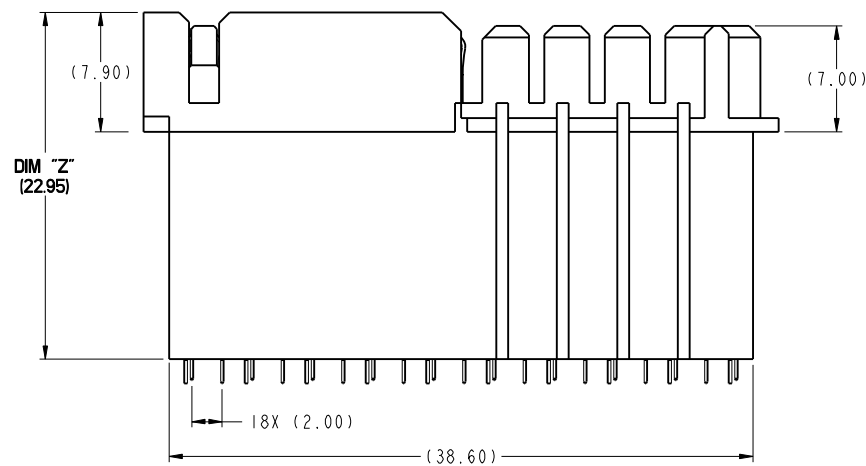
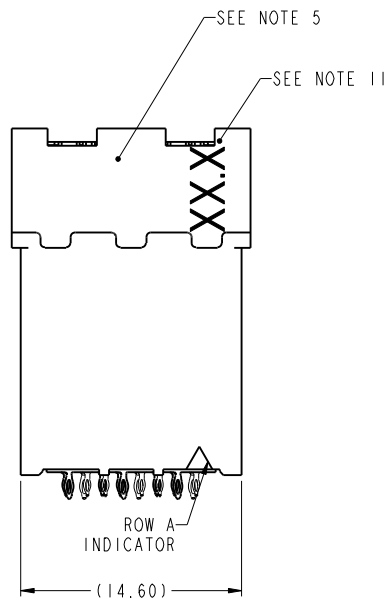
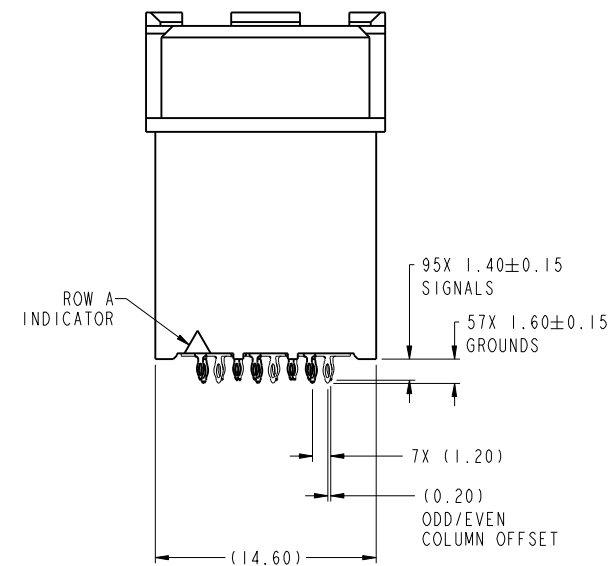
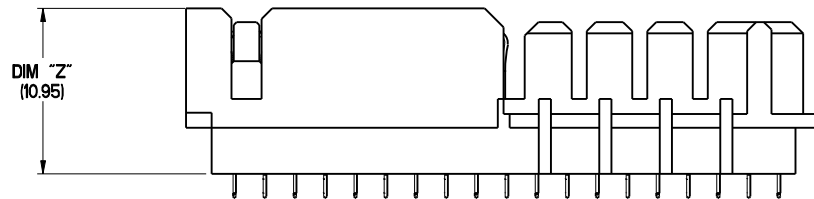


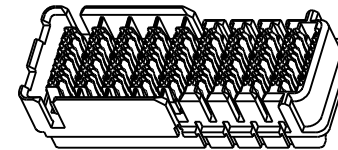
SCALE 2:1

10127225-119500ULF SHOWN
SCALE 4:1

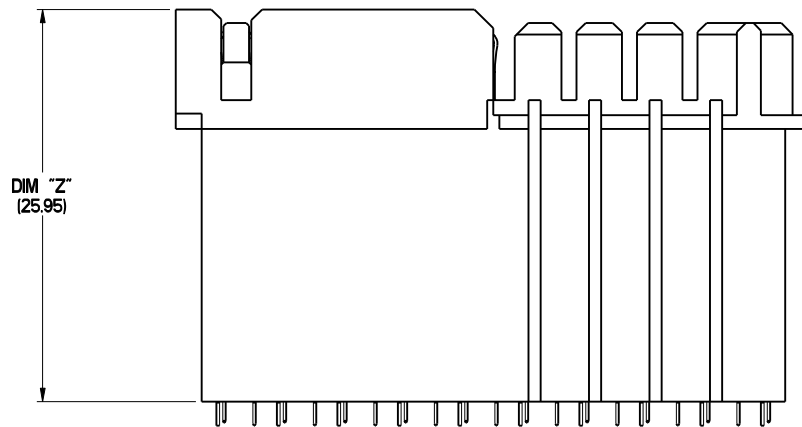
spec ref	SEE NOTES	dr	M. LAUERMANN	2013-09-10	projection	mm	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	M. LAUERMANN	2013-09-10	chr	M. LAUERMANN	2013-09-10	ech no		
ASME Y14.5M		appr	M. LAUERMANN	2013-09-10	product family	ExaMEZZ	rel level	In Work		
surface	linear	0.X	±0.3							
		0.XX	±0.10							
		0.XXX	±0.05							
	angular	0°	±2°							
FCI										
HERMAPHRODITIC, 2 PAIR, 19 IMLA										
10127225										
Product - Customer Draw										
sheet 1 of 4										



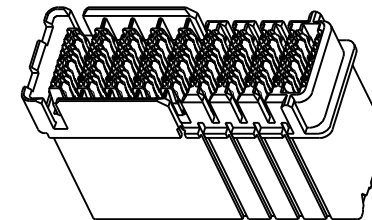
SHORTEST HEIGHT
10127225-107500ULF SHOWN
SCALE 4:1



SCALE 2:1

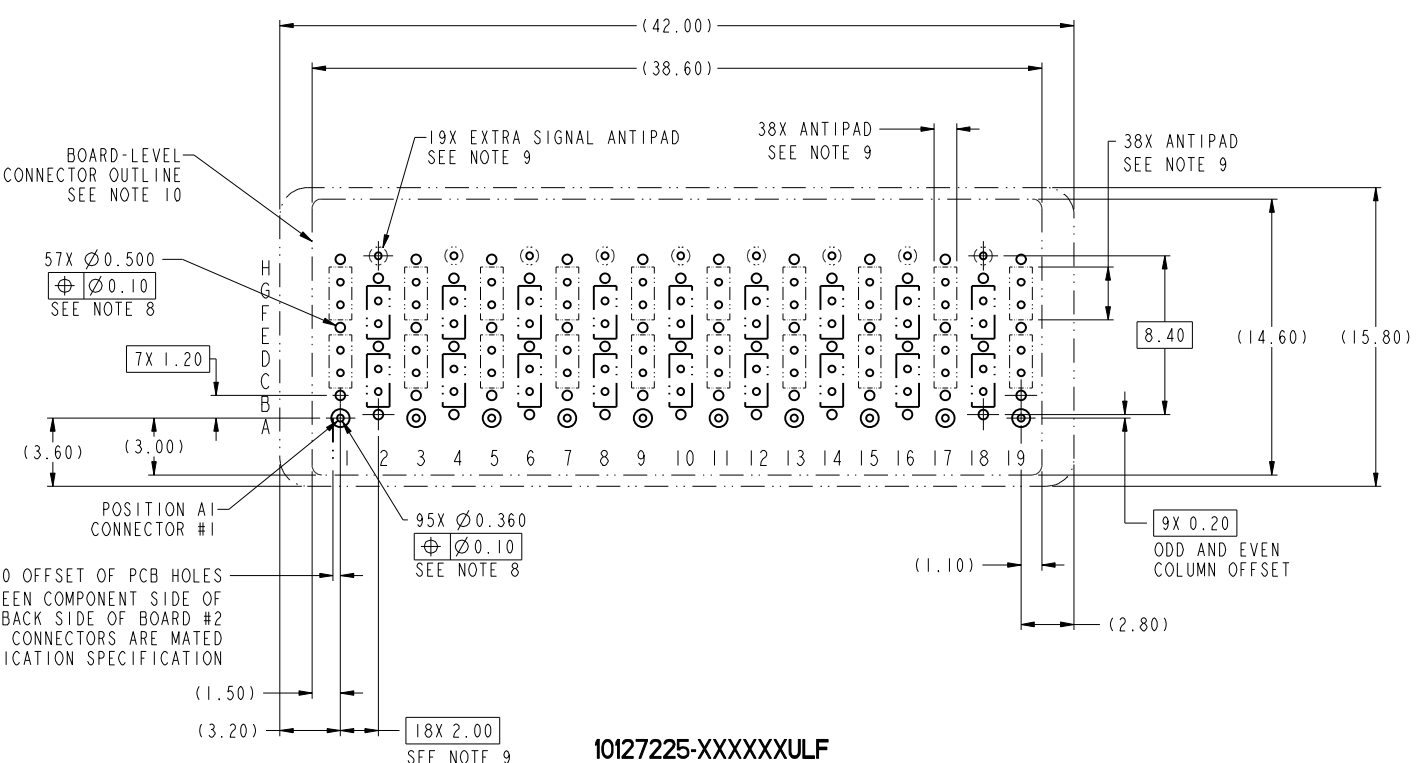


TALLEST HEIGHT
10127225-122500ULF SHOWN
SCALE 4:1



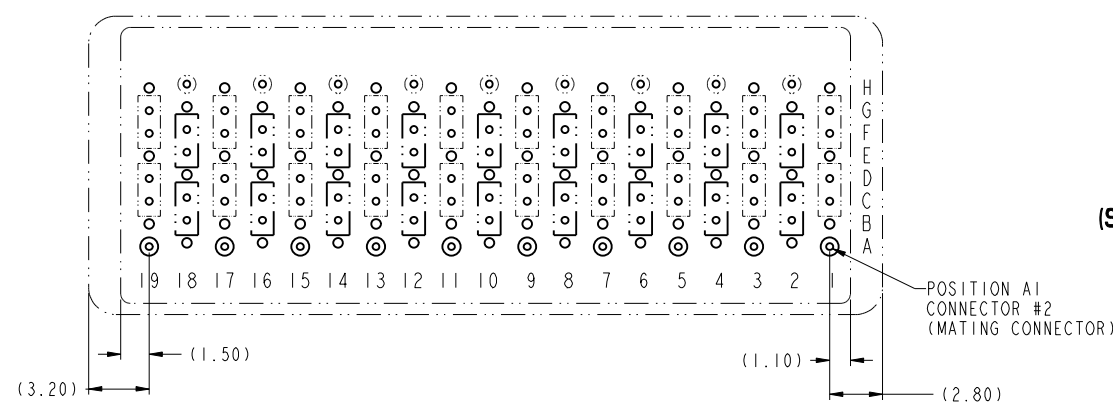
SCALE 2:1

spec ref		SEE NOTES		dr		M. LAUERMANN		2013-09-10		projection				mm		size		A2		scale		4:1																	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		M. LAUERMANN		2013-09-10						title		ExoMEZZ CONNECTOR ASSEMBLY		HERMAPHRODITIC, 2 PAIR, 19 IMLA		drawing no		10127225		rev		14													
ASME Y14.5M				chr		M. LAUERMANN		2013-09-10																				product family		ExoMEZZ		rel level		In Work					
		appr		M. LAUERMANN		2013-09-10																																	
surface				linear		0.X		±0.3		www.fci.com																		cat. no.		-		Product - Customer Drw		sheet 2 of 4					
						0.XX		±0.10																															
						0.XXX		±0.05																															
		angular		0°		±2°																																	



**10127225-XXXXXXULF
RECOMMENDED PCB LAYOUT**
SCALE 5:1

**BOARD FOOTPRINT
CONNECTOR #1
COMPONENT SIDE**



**BOARD FOOTPRINT
CONNECTOR #2 (MATING CONNECTOR)
(SAME FOOTPRINT, DIFFERENT A1 LOCATION)
COMPONENT SIDE**

spec ref		SEE NOTES		dr	M. LAUERMANN	2013-09-10	projection	mm	size	A2	scale	2:1						
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	M. LAUERMANN	2013-09-10			ech no			rel level	In Work					
ASME Y14.5M				chr	M. LAUERMANN	2013-09-10												
				appr	M. LAUERMANN	2013-09-10	product family		ExaMEZZ									
surface	✓	linear	0.X	±0.3			title		ExaMEZZ CONNECTOR ASSEMBLY		ang no	10127225	rev	14				
			0.XX	±0.10														
			0.XXX	±0.05														
			angular	0°	±2°													
				www.fci.com		cat. no.			-		Product - Customer Drw				sheet 3 of 4			



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1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY

2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1150
INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995)
CENTRAL OFFICE TEST SEQUENCE.

PRESS-FIT TAILS:
TIN OVER NICKEL (LEAD-FREE)

3 - PRODUCT SPECIFICATION: GS-12-1150

4 - APPLICATION SPECIFICATION: GS-20-0373

5 - PRODUCT MARKING (PART NUMBER & LOT CODE) ON THIS SURFACE.

6 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES &
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

7 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING
SPECIFICATION.

8 - REFER TO CUSTOMER DRAWING 10119933 FOR INFORMATION
ON PCB HOLE DIAMETERS AND PLATING OPTIONS

9 - PLEASE REFER TO THE APPLICATION SPECIFICATION FOR
TRACE ROUTING EXAMPLES THAT INCLUDE DIMENSIONS
FOR ANTIPADS, TRACE WIDTHS, TRACE SPACINGS, ETC.

10 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE
FOR MANUAL CONNECTOR PLACEMENT.

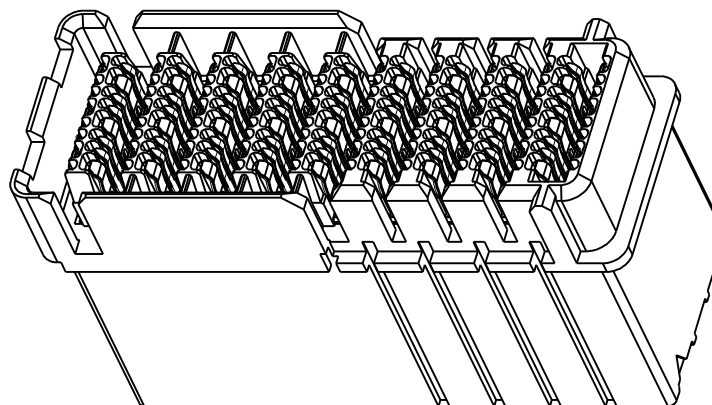
11 - PRODUCT STACK HEIGHT (7.5, 12.5, 19.5, OR 22.5) LASER MARKED ON THIS SURFACE.

12 - THE SHORT DETECT CONNECTOR (WHEN MATED WITH A NON-SHORT DETECT
CONNECTOR) WILL PROVIDE CONTACTS THAT MATE 1.00mm AFTER THE REMAINDER
OF STANDARD LENGTH SIGNAL AND GROUND CONTACTS MATE. NEVER MATE A SHORT DETECT
CONNECTOR WITH ANOTHER SHORT DETECT CONNECTOR.

13. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C FOR 10-30 SECONDS
IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

PRODUCT NUMBER	STACK HEIGHT EACH SIDE	DIM "Z"	SHORT DETECTS
10127225-107500ULF	7.5 mm	10.95	NO
10127225-107501ULF	7.5 mm	10.95	YES
10127225-110500ULF	10.5 mm	13.95	NO
10127225-110501ULF	10.5 mm	13.95	YES
10127225-112500ULF	12.5 mm	15.95	NO
10127225-112501ULF	12.5 mm	15.95	YES
10127225-113500ULF	13.5 mm	16.95	NO
10127225-113501ULF	13.5 mm	16.95	YES
10127225-117500ULF	17.5 mm	20.95	NO
10127225-117501ULF	17.5 mm	20.95	YES
10127225-119500ULF	19.5 mm	22.95	NO
10127225-119501ULF	19.5 mm	22.95	YES
10127225-122500ULF	22.5 mm	25.95	NO
10127225-122501ULF	22.5 mm	25.95	YES

10127225-XXXXXXLF
PLATING
-1 = STD PLATING
LF=LEAD FREE
U =NO GUIDE PINS
EFFECTIVE CONNECTOR HEIGHT
PER MATING HALF 19.50 = 1950
SHORT DETECT LAYOUT
0 = NO SHORT DETECT
1 = STANDARD LOCATION (BOTTOM LEFT AND RIGHT SE)



spec ref	SEE NOTES		dr	M. LAUERMANN	2013-09-10			mm	size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	M. LAUERMANN	2013-09-10				ech no	rel level	In Work	rev	
ASME Y14.5M			chr	M. LAUERMANN	2013-09-10								
			appr	M. LAUERMANN	2013-09-10	product family		ExaMEZZ					
surface	linear	0.X	±0.3		title	ExaMEZZ CONNECTOR ASSEMBLY					org no	10127225	rev
		0.XX	±0.10										
		0.XXX	±0.05										
	angular	0°	±2°										
		www.fci.com		cat. no.	-	Product - Customer Drw				sheet 4 of 4			