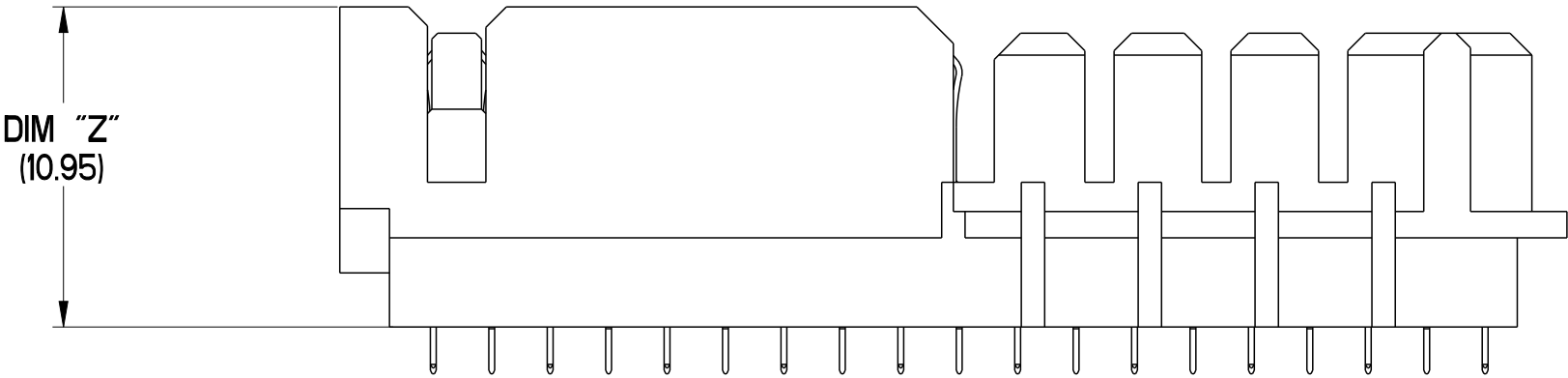
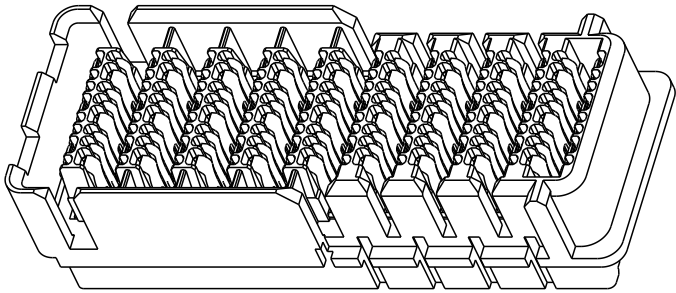


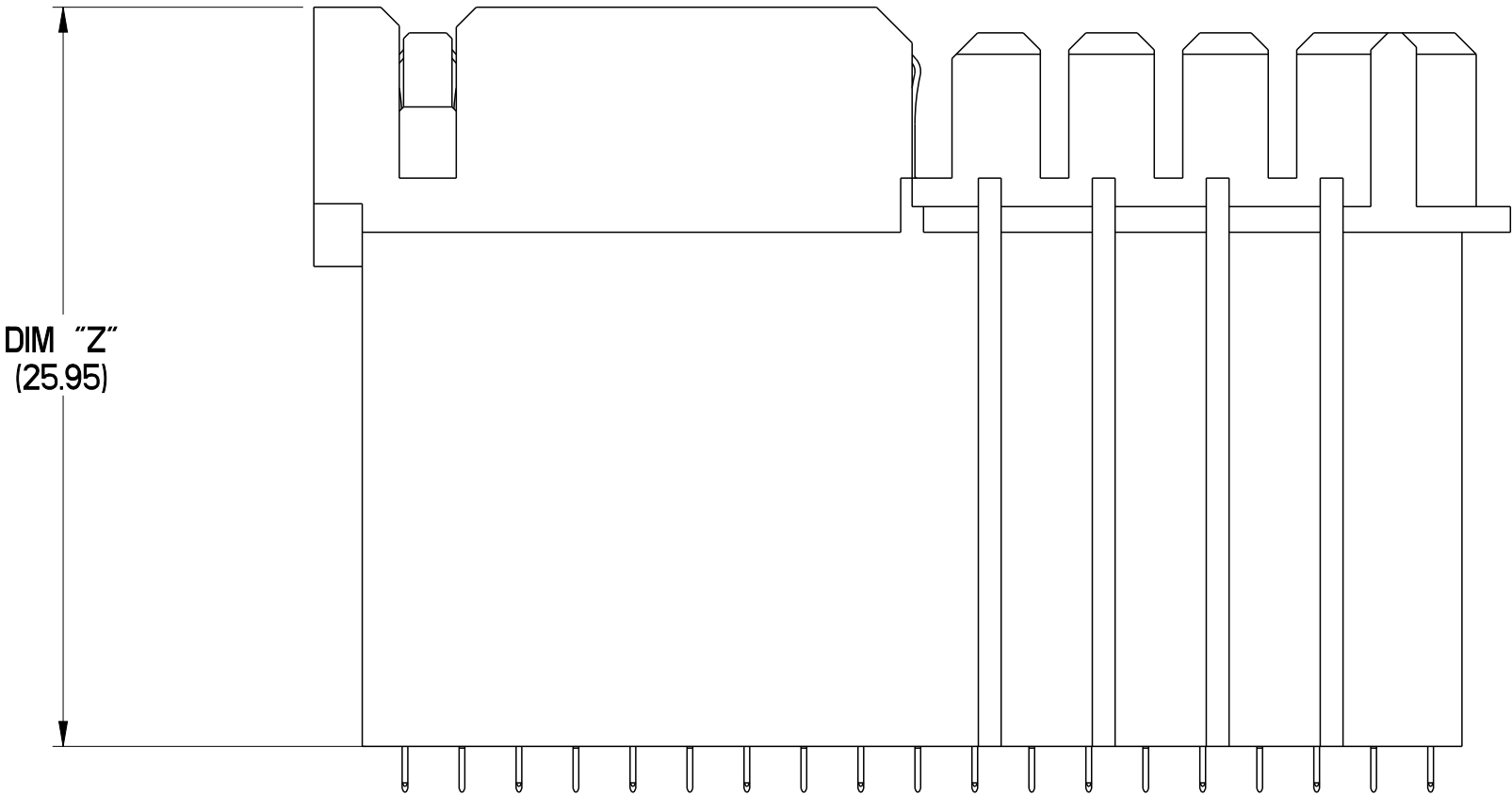
spec ref		SEE NOTES			dr		Lauermann, Mar		2013/09/10		projection		mm		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		David Guo		2019/07/31						ecn no		ELX-DG-34393-1					
ASME Y14.5M					chr		-		-						product family		ExaMEZZ		rel level		Released	
					appr		Heaven Cen		2019/08/14													
surface		linear		0.X		±0.3		Amphenol FCI		title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10127225		rev		C		
				0.XX		±0.10																
				0.XXX		±0.05																
				angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 1 of 5				



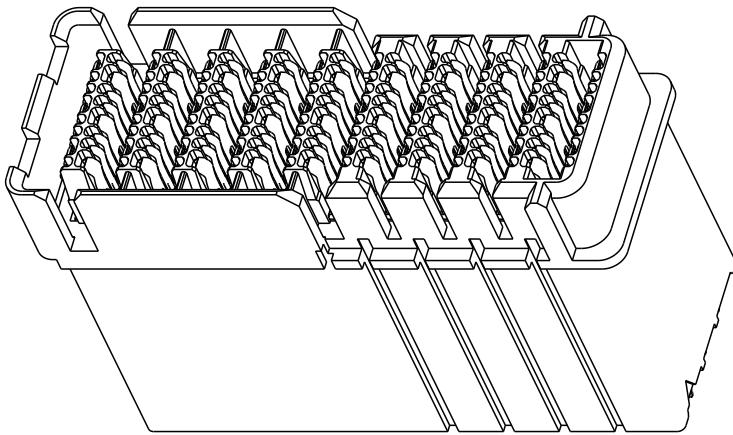
SHORTEST HEIGHT
10127225-107500ULF SHOWN
SCALE 4:1



SCALE 2:1

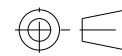
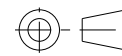
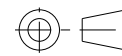


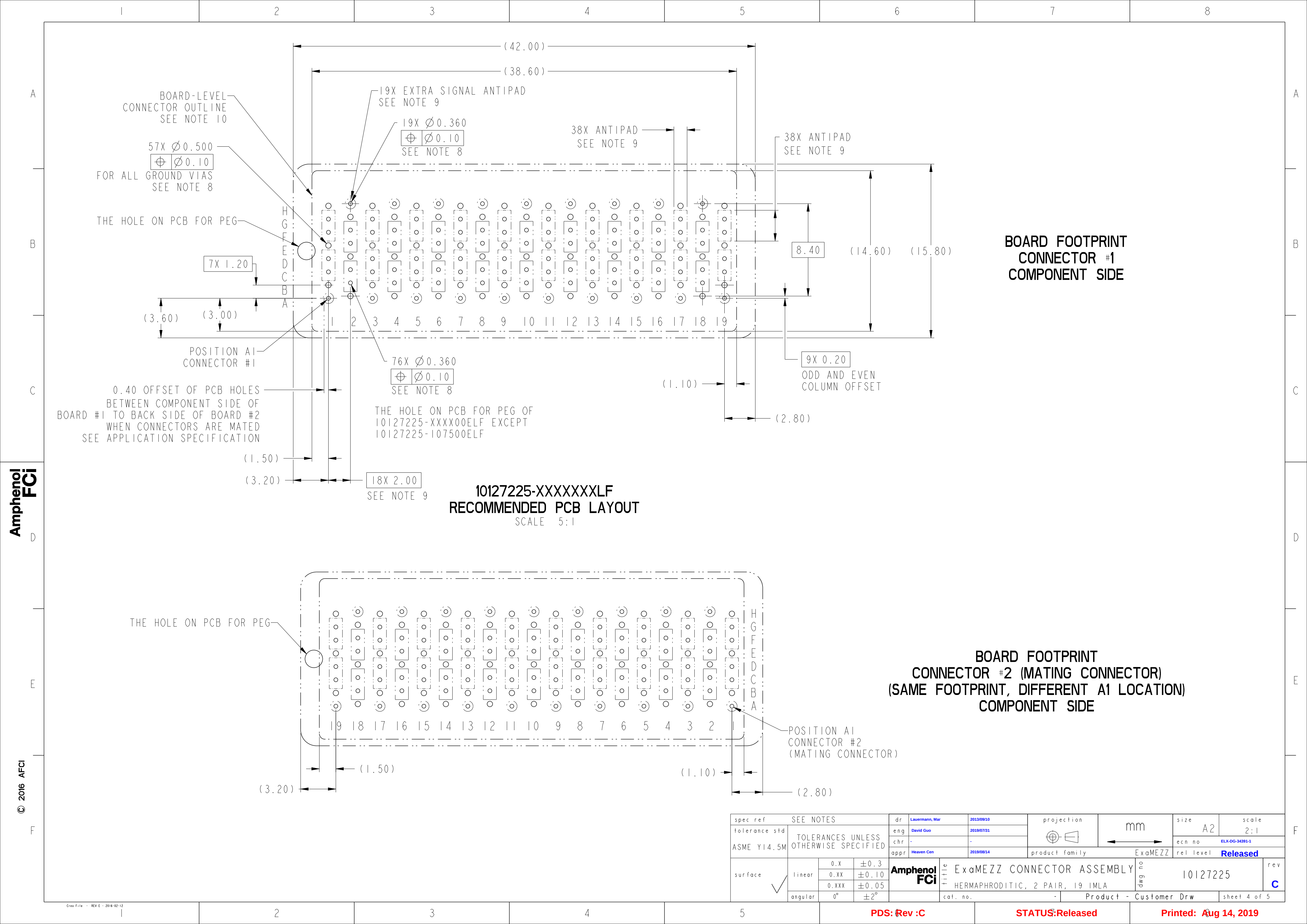
TALLEST HEIGHT
10127225-122500ULF SHOWN
SCALE 4:1



SCALE 2:1

spec ref	SEE NOTES			dr	Lauermann, Mar	2013/09/10	projection mm	size	A2	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	David Guo	2019/07/31		ecn no	ELX-DG-34391-1				
ASME Y14.5M				chr	-	-			rel level	Released			
				appr	Heaven Cen	2019/08/14						product family	
surface ✓	linear	0.X	±0.3	Amphenol FCi	title	ExaMEZZ CONNECTOR ASSEMBLY			dwg no	10127225		rev	C
		0.XX	±0.10										
		0.XXX	±0.05			HERMAPHRODITIC, 2 PAIR, 19 IMLA							
	angular	0°	±2°										

spec ref		SEE NOTES			dr		Lauermann, Mar		2013/09/10		projection				size		A2		scale		2:1						
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		David Guo		2019/07/31						ecn no		ELX-DG-34391-1		rel level		Released						
ISO 406					chr		-		-						-												
ISO 1101					appr		Heaven Cen		2019/08/14						product family		ExaMEZZ										
surface				linear		0.X		±0.3		Amphenol FCI		title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10127225		rev		C					
																								0.XX		±0.10	
																								0.XXX		±0.05	
																								angular		0°	
						cat. no.		-		Product - Customer Drw		sheet 3 of 5															



A

B

C

D

E

F

A

B

C

D

E

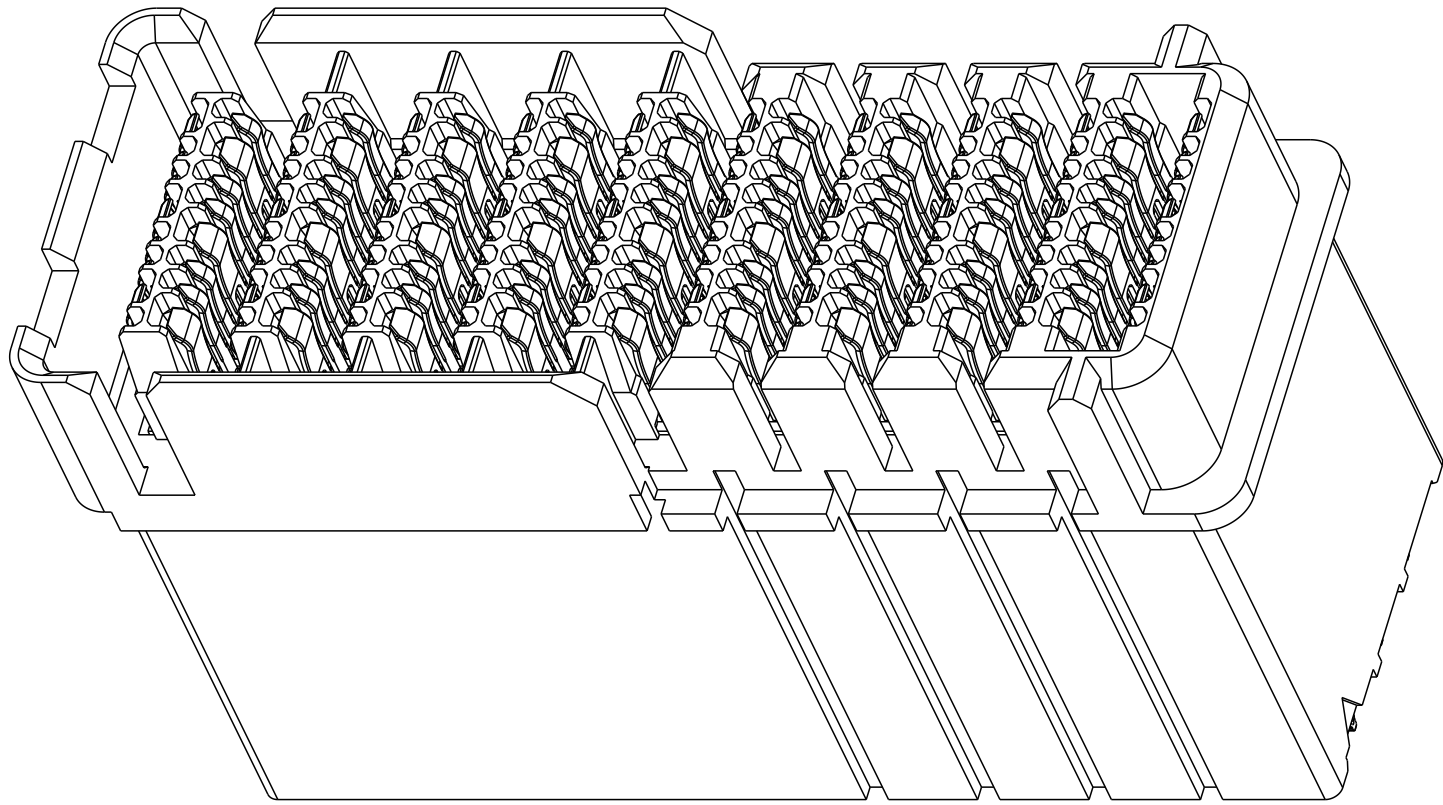
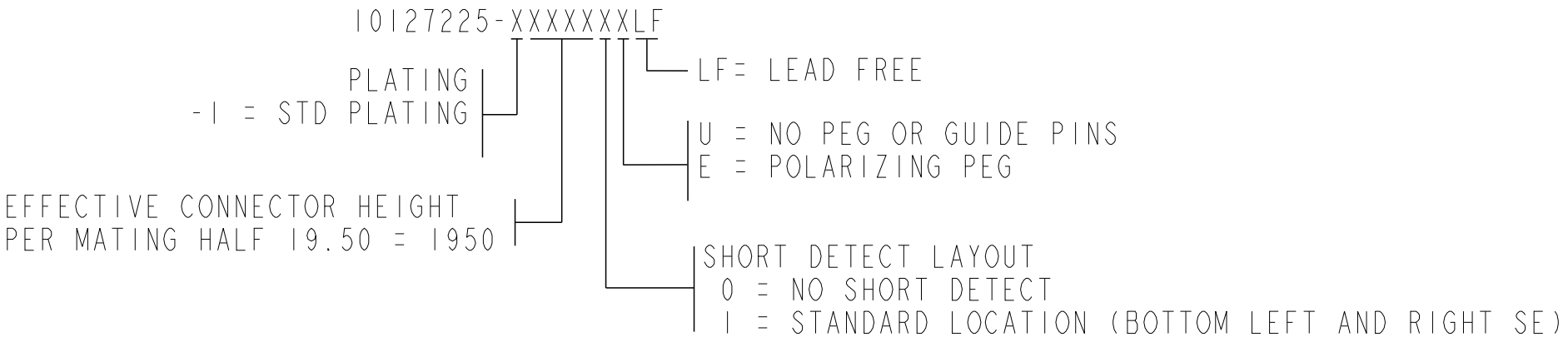
F

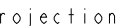
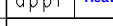
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1150
INCLUDING 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 - REFER TO ROUTING GUIDE GS-20-0511 FOR RECOMMENDATIONS ON OPTIMIZATION OF FOOTPRINT
AND TRACE ROUTING LAYOUT
- 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, 11.5, 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 PEAK TEMPERATURE FOR 10-30 SECONDS
IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- 14 - ALL GROUND CONTACTS WITHIN A COLUMN ARE COMMONED

PRODUCT NUMBER	STACK HEIGHT EACH SIDE	DIM "Z"	SHORT DETECTS	POLARIZING PEG
10127225-107500ULF	7.5 mm	10.95	NO	NO
10127225-107501ULF	7.5 mm	10.95	YES	NO
10127225-111500ULF	11.5 mm	14.95	NO	NO
10127225-111501ULF	11.5 mm	14.95	YES	NO
10127225-112500ULF	12.5 mm	15.95	NO	NO
10127225-112501ULF	12.5 mm	15.95	YES	NO
10127225-119500ULF	19.5 mm	22.95	NO	NO
10127225-119501ULF	19.5 mm	22.95	YES	NO
10127225-122500ULF	22.5 mm	25.95	NO	NO
10127225-122501ULF	22.5 mm	25.95	YES	NO
10127225-107500ELF	7.5 mm	10.95	NO	YES
10127225-122500ELF	22.5 mm	25.95	NO	YES



spec ref	SEE NOTES				dr	Lauermann, Mar	2013/09/10			size	A2	scale	4:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	David Guo	2019/07/31			ecn no	ELX-DG-34391-1					
ASME Y14.5M					chr	-	-				product family	ExaMEZZ		rel level	Released	
					appr	Heaven Cen						2019/08/14				
surface		linear	0.X	±0.3		title	ExaMEZZ CONNECTOR ASSEMBLY				dwg no	10127225		rev	C	
			0.XX	±0.10												
			0.XXX	±0.05												
		angular	0°	±2°			cat. no.	-	Product - Customer Drw				sheet 5 of 5			