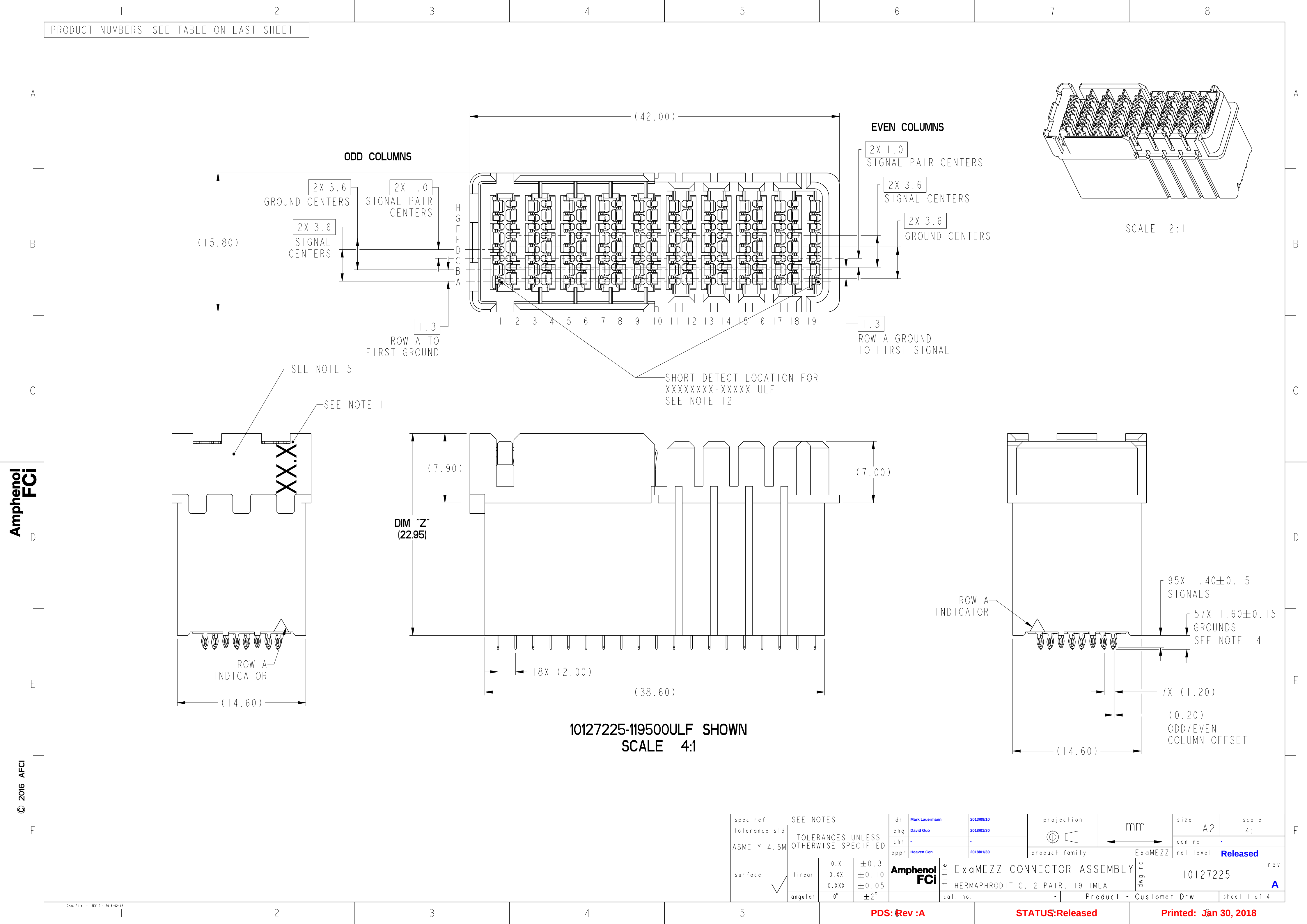




Amphenol
FCi

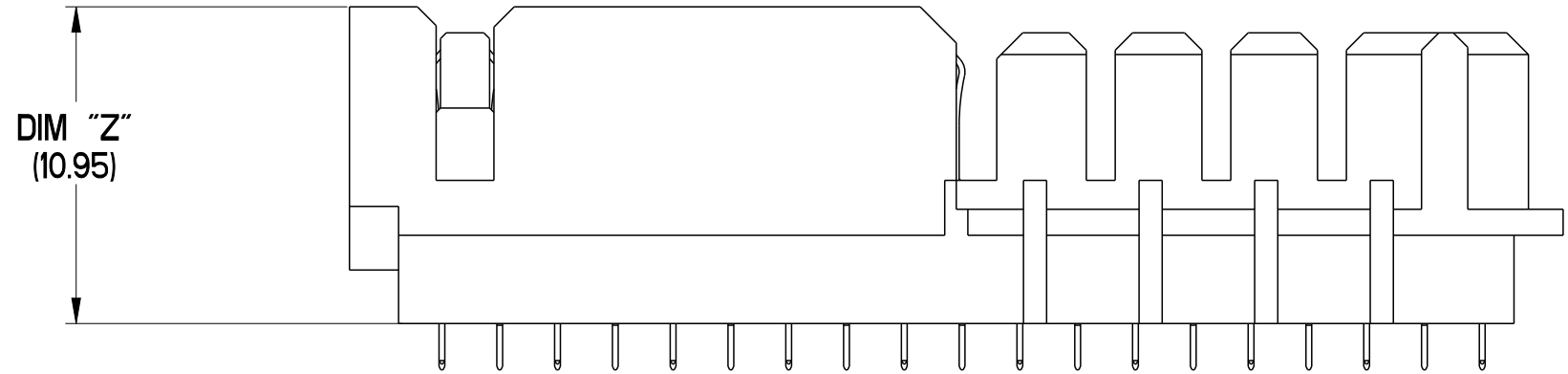
© 2016 AFCi

spec ref	SEE NOTES			dr	Mark Lauermann	2013/09/10	projection		mm	size	A2	scale	4:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	David Guo	2018/01/30	ecn no			-	rel level	Released				
ASME Y14.5M				chr	-	-										
				appr	Heaven Cen	2018/01/30	product family		ExaMEZZ							
surface		linear	0.X	±0.3	Amphenol FCi	title	ExaMEZZ CONNECTOR ASSEMBLY					dwg no	10127225		rev	A
			0.XX	±0.10												
			0.XXX	±0.05												
			angular	0°												
			cat. no.			-	Product - Customer Drw					sheet 1 of 4				

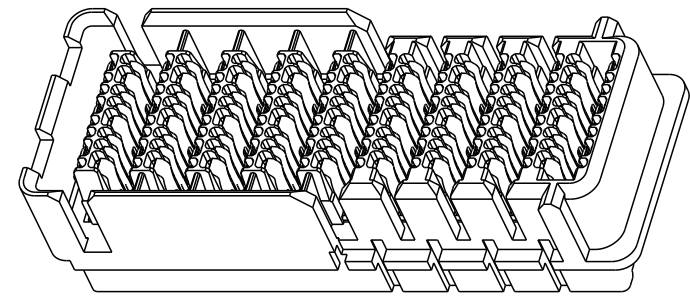
PDS: Rev :A

STATUS:Released

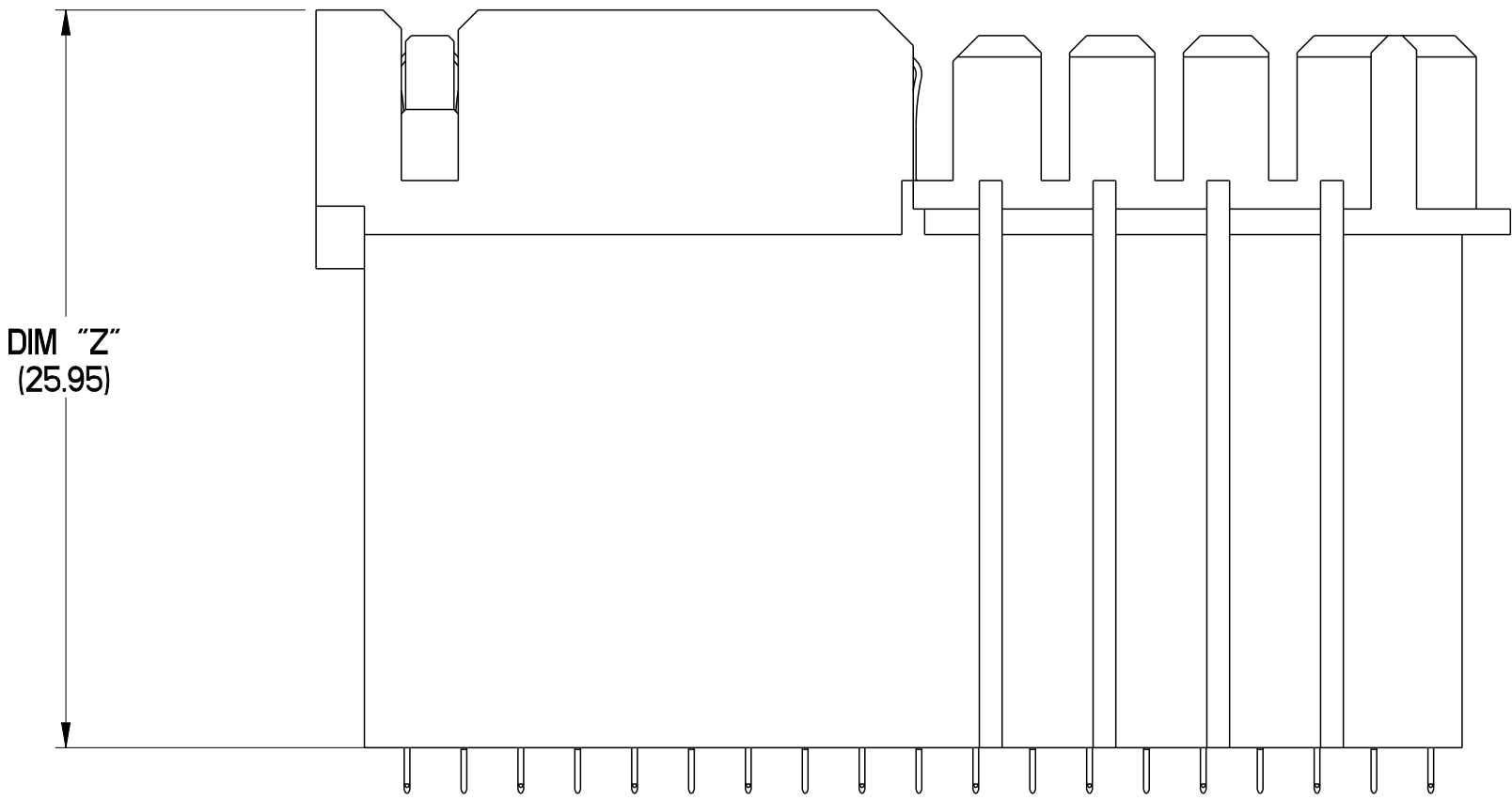
Printed: Jan 30, 2018



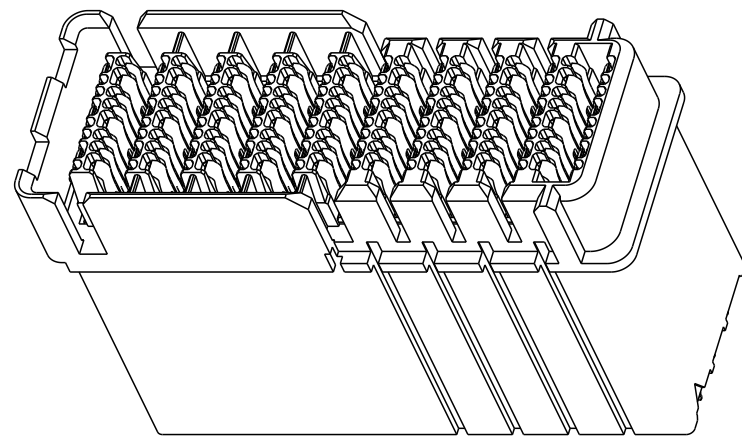
SHORTEST HEIGHT
10127225-107500ULF SHOWN
SCALE 4:1



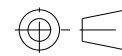
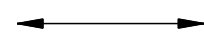
SCALE 2:1

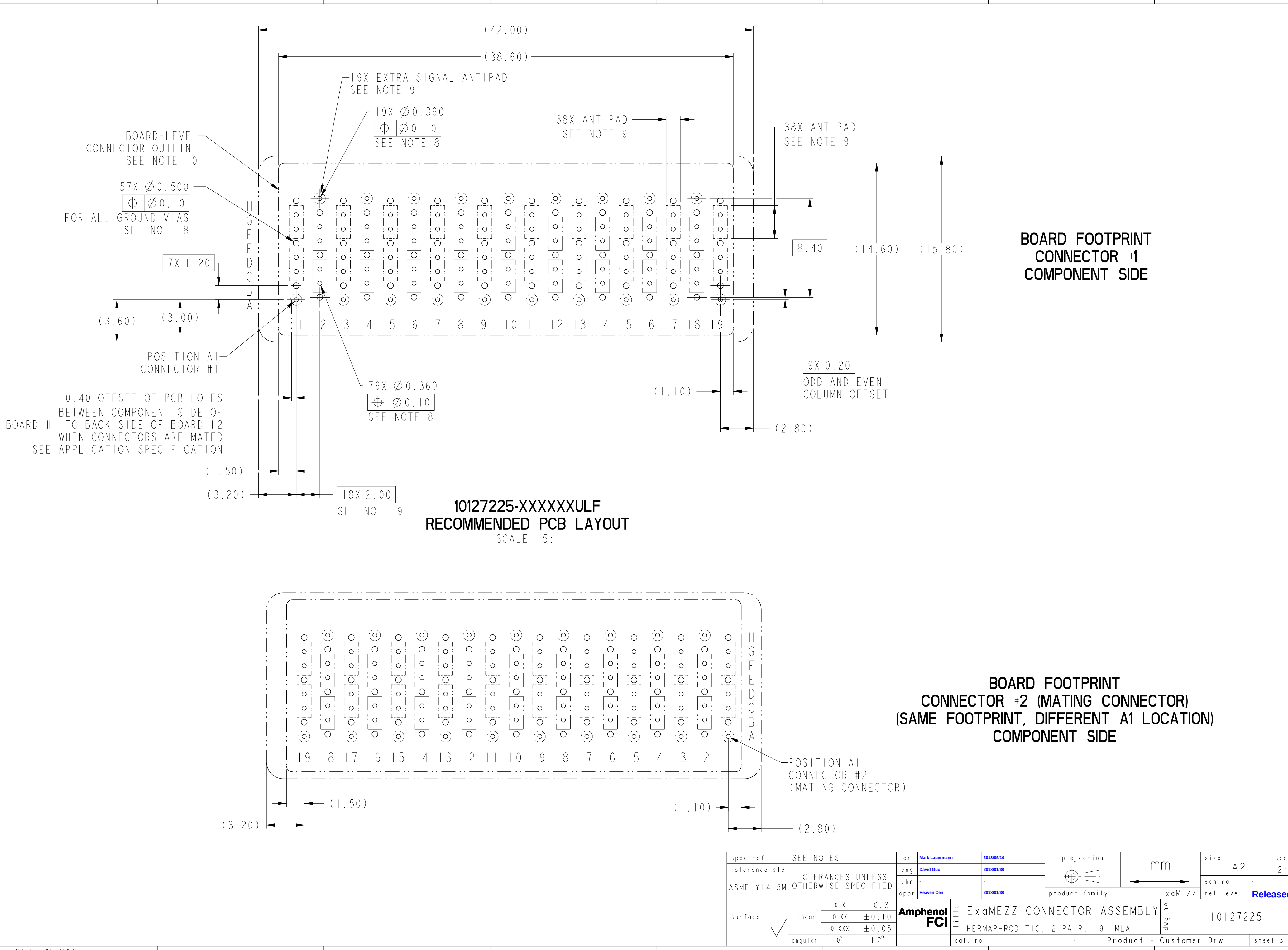


TALLEST HEIGHT
10127225-122500ULF SHOWN
SCALE 4:1



SCALE 2:1

spec ref	SEE NOTES				dr	Mark Lauermann	2013/09/10	projection 	mm 	size	A2	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	David Guo	2018/01/30			ecn no	-				
ASME Y14.5M					chr	-	-			rel level		Released			
					appr	Heaven Cen	2018/01/30			product family		ExaMEZZ			
surface 	linear	0.X	±0.3	Amphenol FCi	title	ExaMEZZ CONNECTOR ASSEMBLY				dwg no	10127225		rev	A	
		0.XX	±0.10												
		0.XXX	±0.05			HERMAPHRODITIC, 2 PAIR, 19 IMLA									
	angular	0°	±2°			cat. no.	-	Product - Customer Drw				sheet 2 of 4			

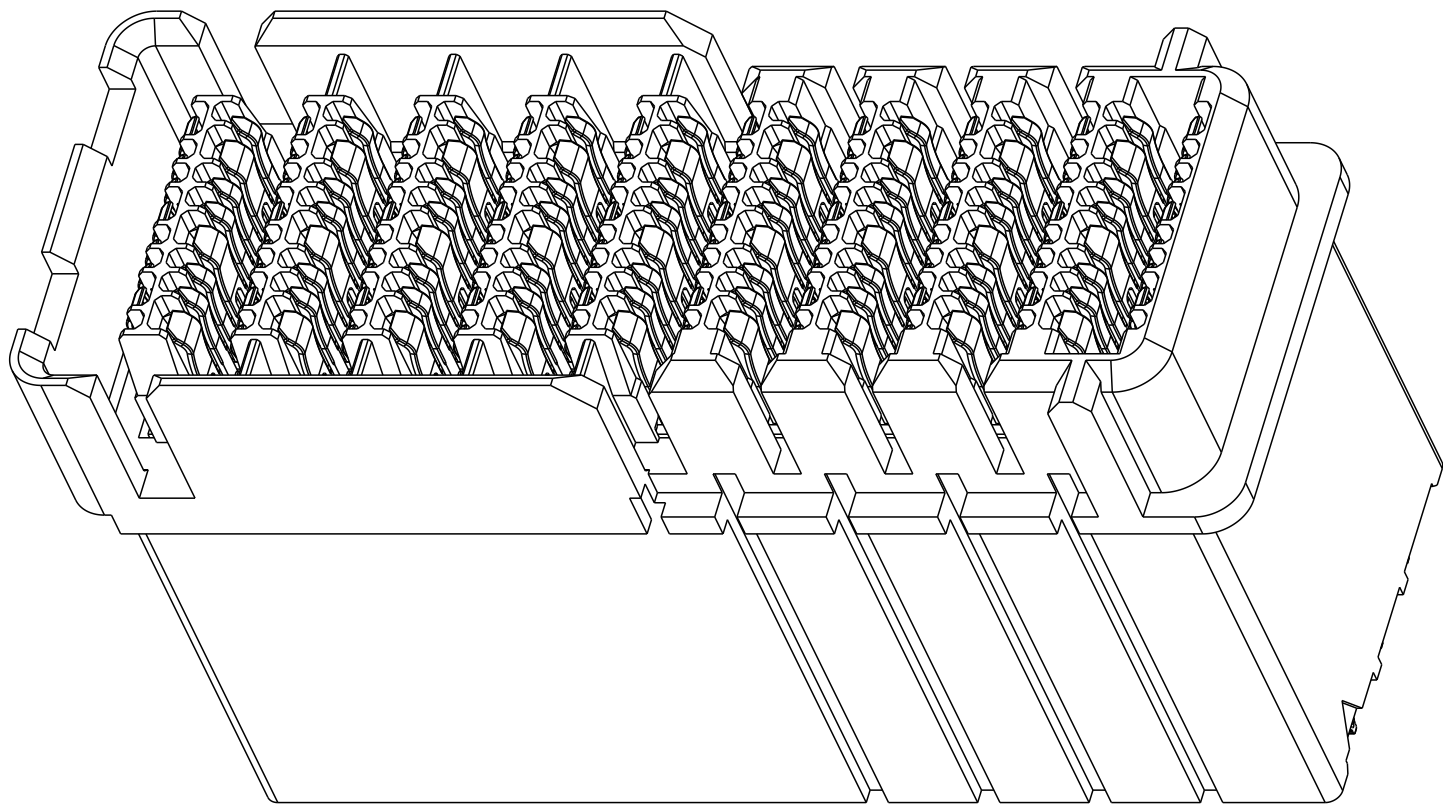
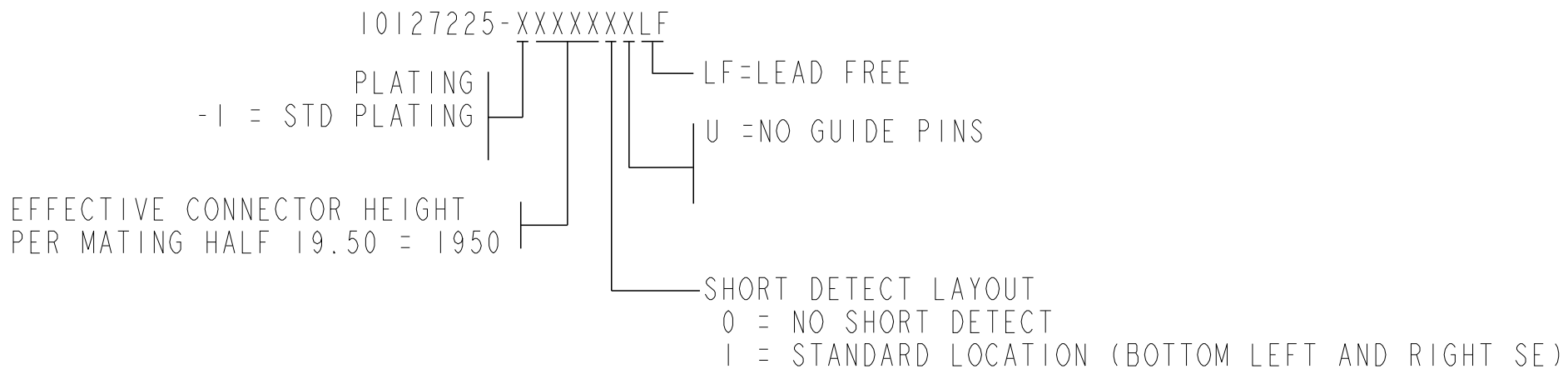


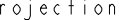
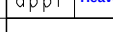
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1150
INCLUDING 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
10127225-107500ULF	7.5 mm	10.95	NO
10127225-107501ULF	7.5 mm	10.95	YES
10127225-111500ULF	11.5 mm	14.95	NO
10127225-111501ULF	11.5 mm	14.95	YES
10127225-112500ULF	12.5 mm	15.95	NO
10127225-112501ULF	12.5 mm	15.95	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



spec ref	SEE NOTES				dr	Mark Lauermann	2013/09/10			size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	David Guo	2018/01/30			ecn no	rel level	Released		
ASME Y14.5M					chr	-	-							
					appr	Heaven Cen	2018/01/30						product family	
surface		linear	0.X	±0.3		title	ExaMEZZ CONNECTOR ASSEMBLY				dwg no	10127225	rev	A
			0.XX	±0.10										
			0.XXX	±0.05										
		angular	0°	±2°			cat. no.	-	Product - Customer Drw					