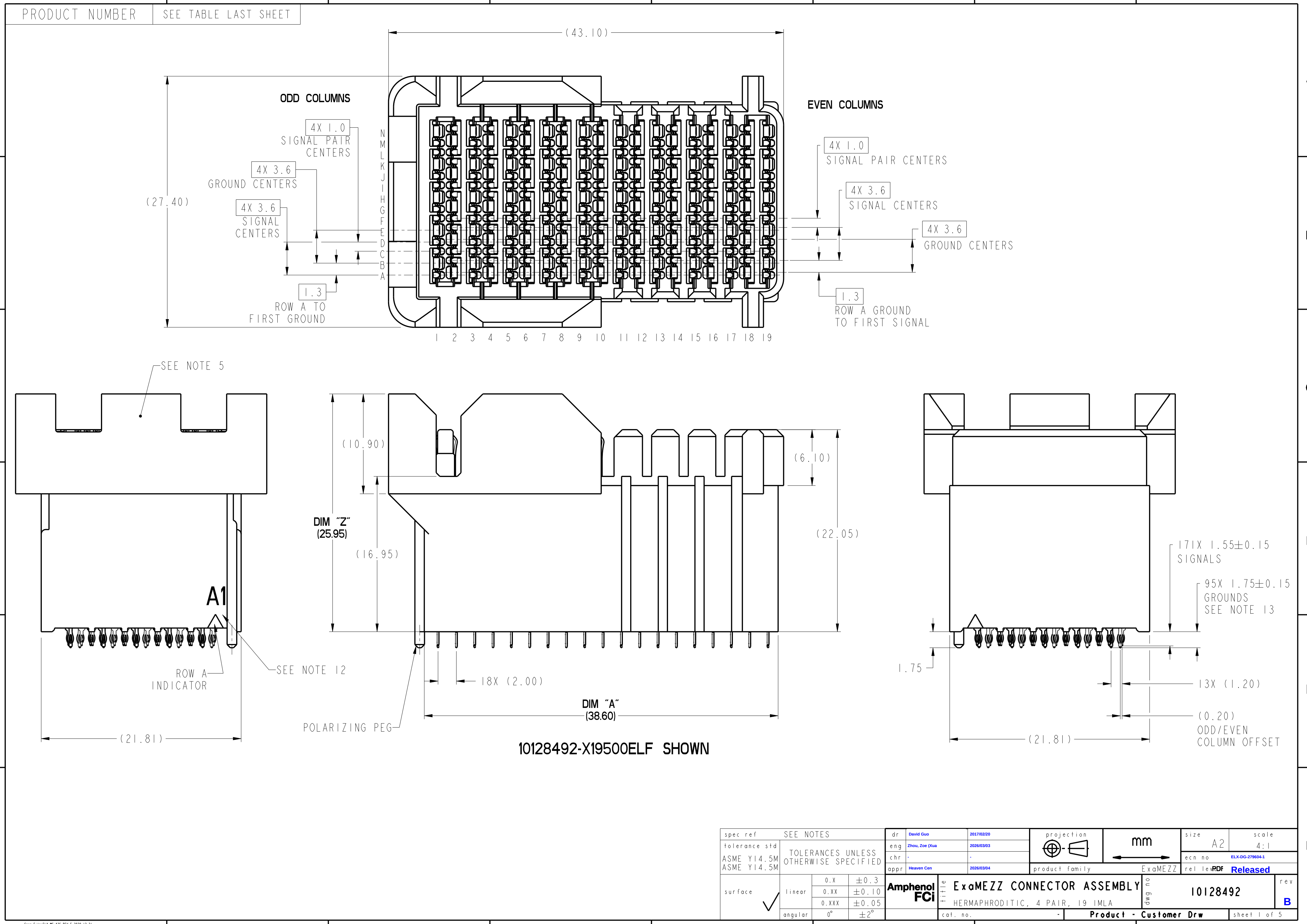
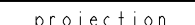
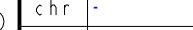


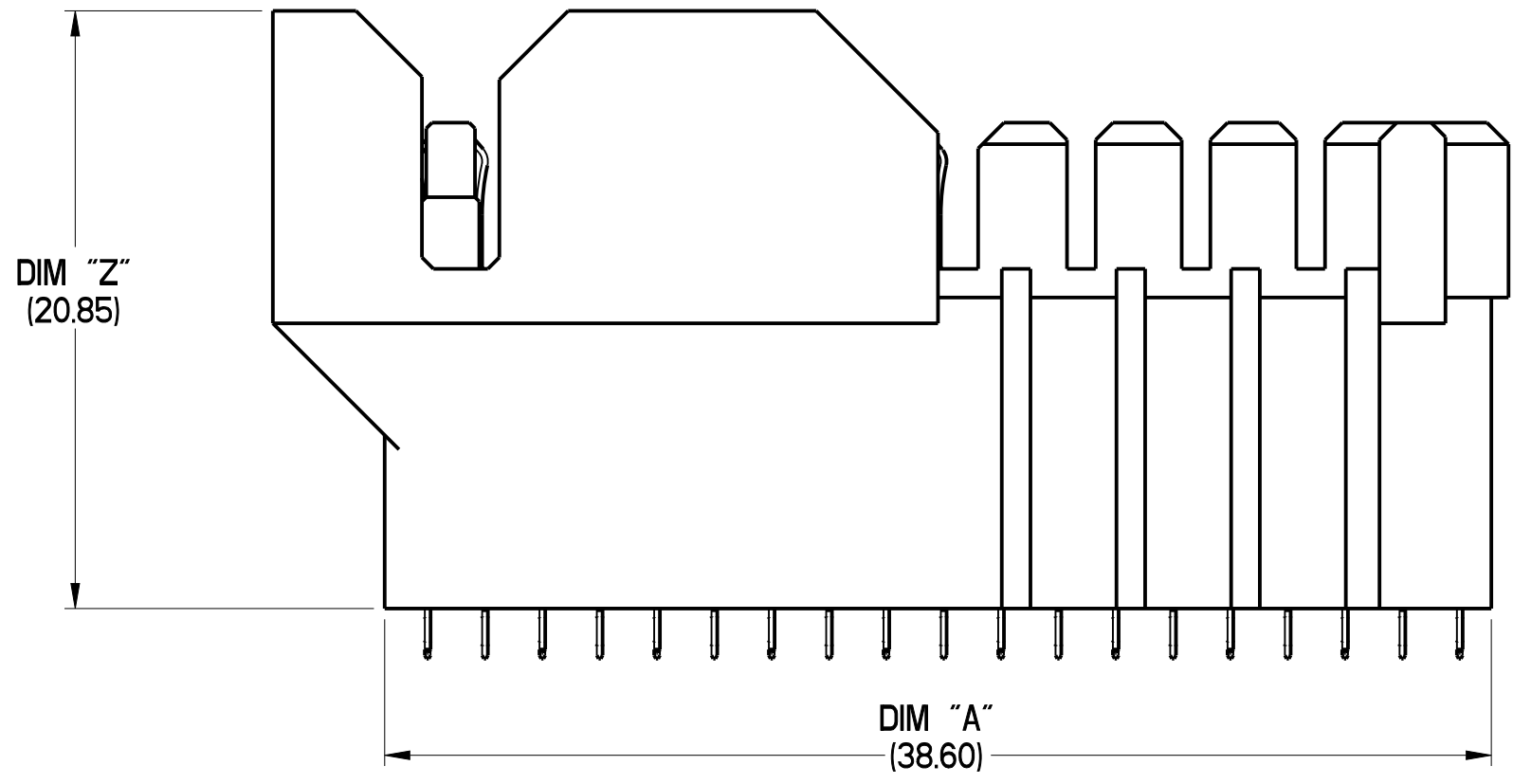
Amphenol FCI
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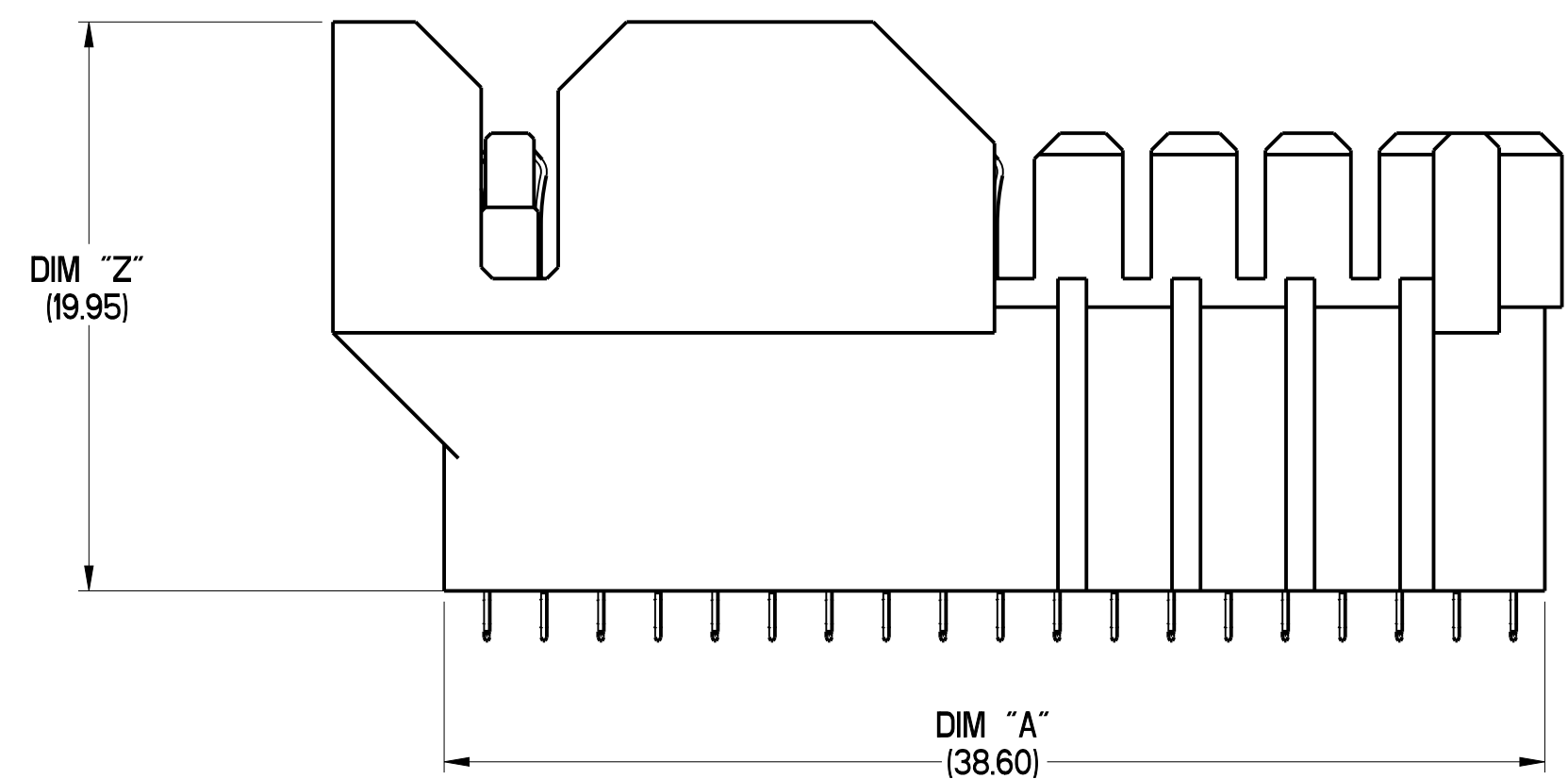
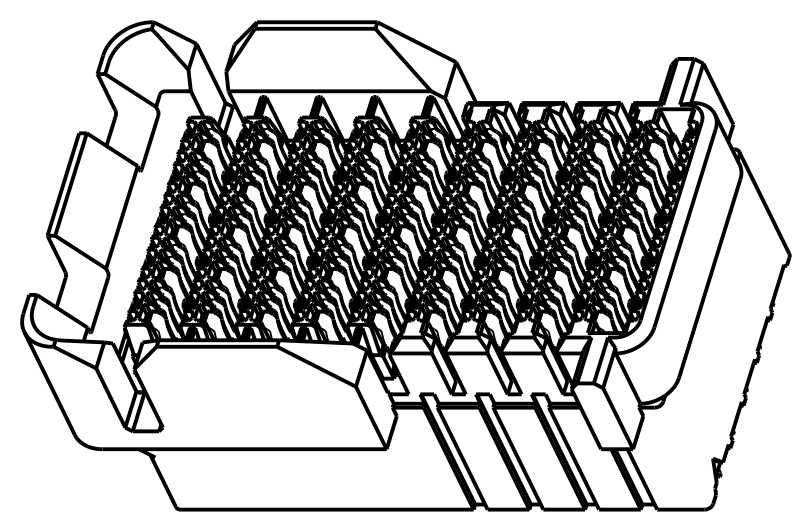
spec ref		SEE NOTES			dr		David Guo		2017/02/20						size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Zhou, Zoe (Xua)		2026/03/03						ecn no		ELX-DG-279604-1					
ASME Y14.5M					chr		-		-						-		rel lev		PDF		Released	
ASME Y14.5M					appr		Heaven Cen		2026/03/04						product family				ExaMEZZ			
surface				linear				title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128492		rev		B				
				0.X																±0.3		
				0.XX																±0.10		
				0.XXX																±0.05		
		angular		0°		±2°		cat. no.		-		Product - Customer Drw				sheet 1 of 5						

Amphenol
FCi

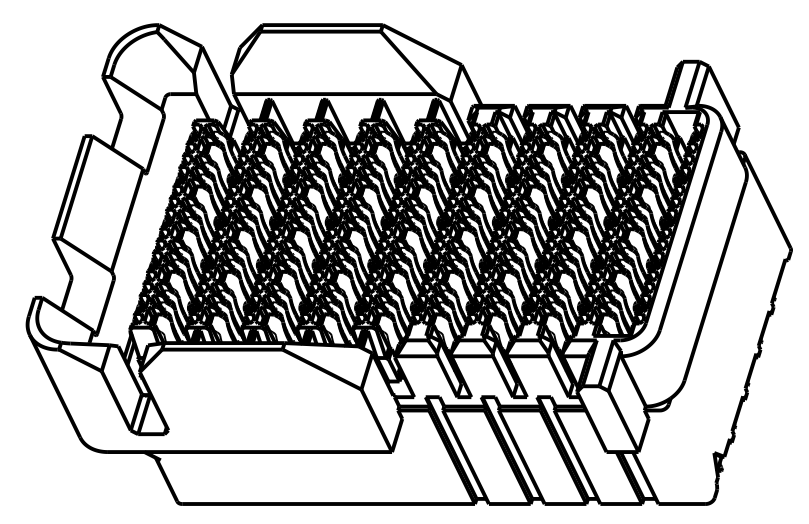
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10128492-X14400ULF SHOWN
SCALE 4:1



10128492-X13500ULF SHOWN
SCALE 4:1



spec ref		SEE NOTES			dr David Guo		2017/02/20		projection		mm		size A2		scale 4:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Zhou, Zoe (Xua)		2026/03/03						ecn no		ELX-DG-279604-1				
ASME Y14.5M					chr -		-						rel lev		RDF Released				
ASME Y14.5M					appr Heaven Cen		2026/03/04						product family		ExaMEZZ				
surface		linear		0.X ±0.3		Amphenol FCI		title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128492		rev			
																		0.XX ±0.10	
																		0.XXX ±0.05	
		angular		0° ±2°				cat. no.		-		Product - Customer Drw		sheet 2 of 5					

PDS: Rev :B

STATUS: Released

Printed: Mar 04, 2026

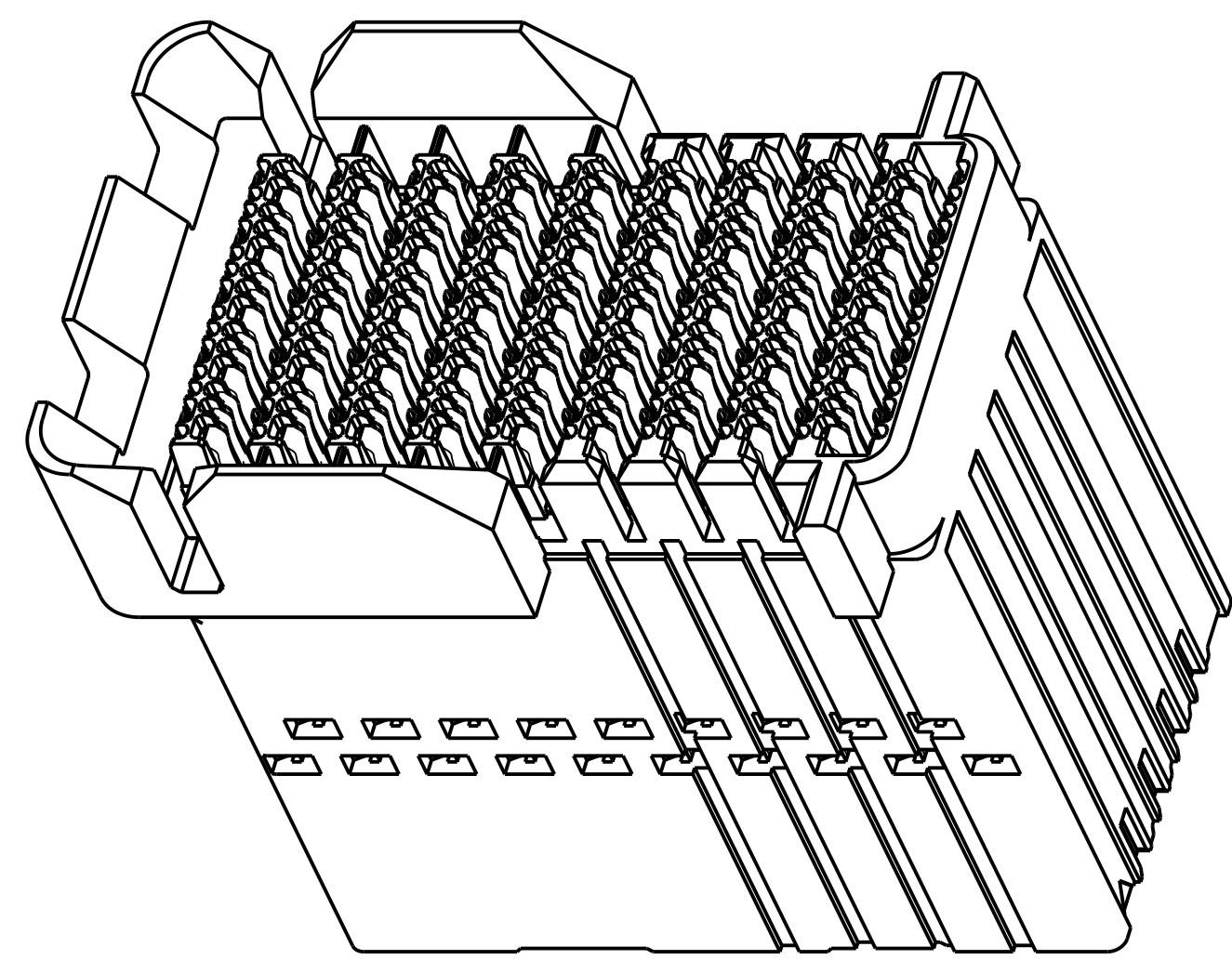
Amphenol
FCi

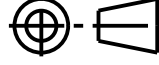
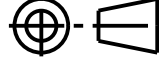
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DIM "Z"
(39.95)

DIM "A"
(39.90)

10128492-X33500ULF
SCALE 4:1



spec ref		SEE NOTES			dr David Guo		2017/02/20		projection 		mm 		size A2		scale 1:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Zhou, Zoe (Xua		2026/03/03						ecn no		ELX-DG-279604-1				
ASME Y14.5M					chr -		-						rel lev		RDF Released				
ASME Y14.5M					appr Heaven Cen		2026/03/04						product family		ExaMEZZ				
surface 		linear		0.X		±0.3		Amphenol FCI		title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128492		rev	
				0.XX		±0.10													
				0.XXX		±0.05													
		angular		0°		±2°		amphenol-fci.com		cat. no.		-		Product- Customer Drw		sheet 3 of 5		B	

PDS: Rev :B

STATUS: Released

Printed: Mar 04, 2026

- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
- 2 - CONTACT PLATING:
-1XXXXXULF 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.
-2XXXXXULF: GXT+ OVER NICKEL.
- 9XXXXXULF SEPARABLE INTERFACE:
0.76 μ m [30 μ IN] GXT OVER 1.27 μ m [50 μ IN] NICKEL

PRESS-FIT TAILS: MATTE Sn OVER Ni

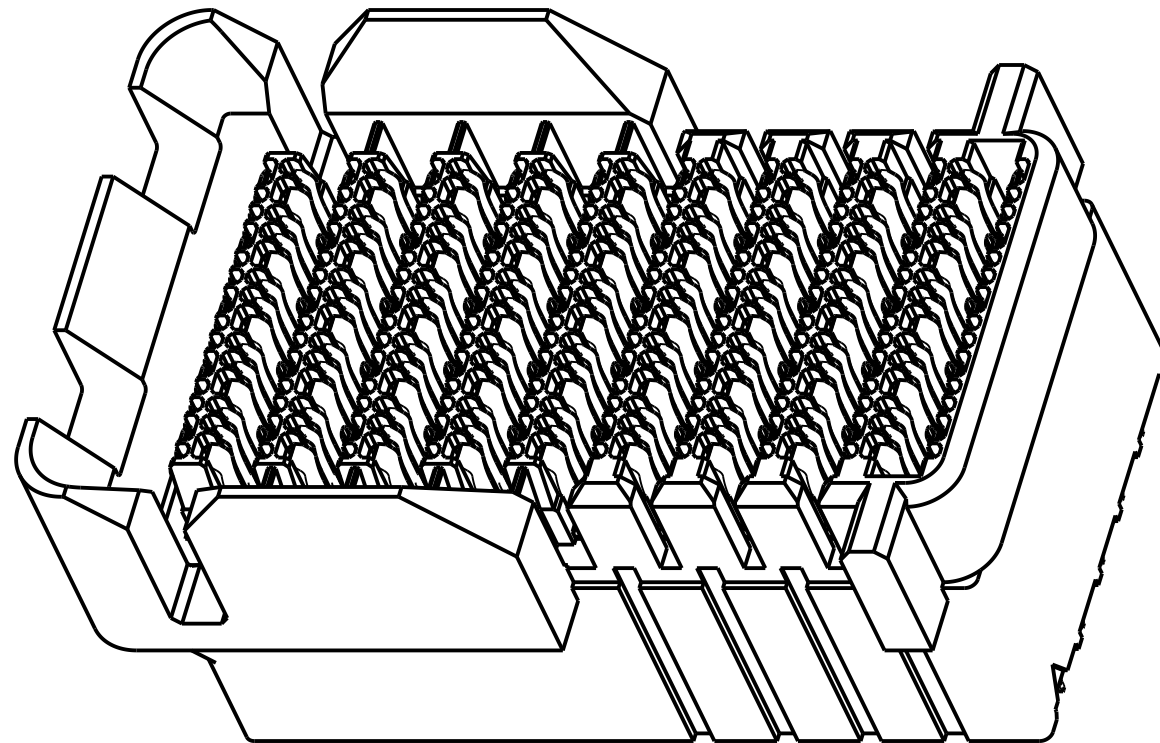
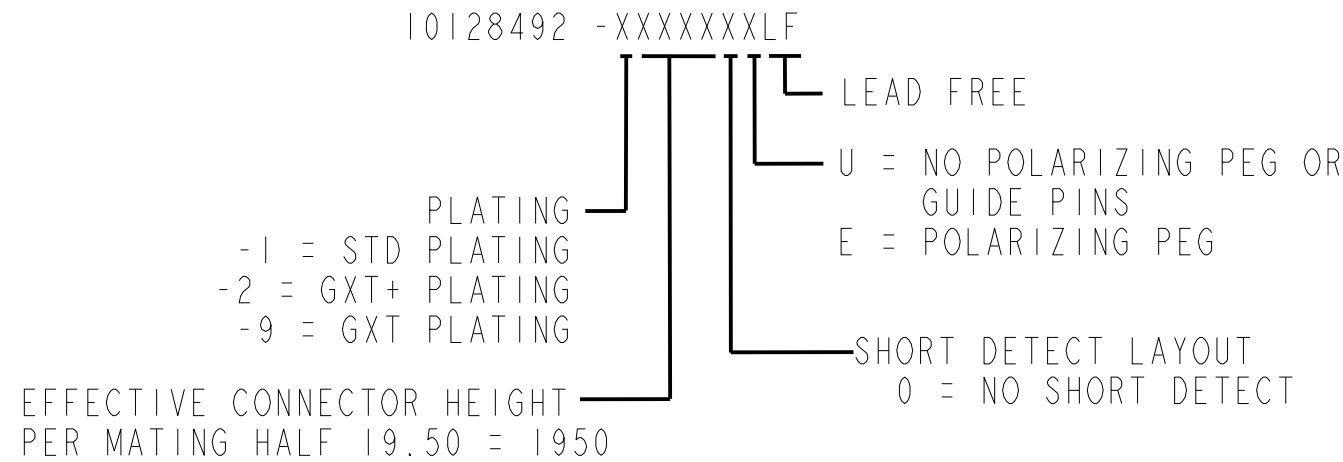
- 3 - PRODUCT SPECIFICATION: GS-12-1150
- 4 - APPLICATION SPECIFICATION: GS-20-0373 WITH THE FOLLOWING EXCEPTIONS:

SECTION 3.3, TABLE 2: CONNECTOR GUIDANCE = $\pm$ 3.0mm IN BOTH DIRECTIONS
SECTION 3.6, TABLE 4: CONNECTOR MATING SEQUENCE

UN-MATE DISTANCE	DESCRIPTION
9.0	HOUSING KEYS START TO ALIGN
4.7	HOUSING KEYS AND SHROUDS ARE FULLY ENGAGED
3.6	STANDARD MATE CONTACTS FIRST TOUCH
2.6	SHORT DETECT MAKES CONTACT WITH STANDARD MATE
2.0	STANDARD MATE BEGIN 2 POINTS OF CONTACT
1.6	SHORT DETECT BEAM AT END OF LEAD IN
0.0	CONNECTORS MATED

- 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 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- 12 - "AI" INDICATOR LASER MARKED IN THIS APPROXIMATE LOCATION.
- 13 - ALL GROUND CONTACTS WITHIN A COLUMN ARE COMMONED.

PRODUCT NUMBER	STACK HEIGHT EACH SIDE	DIM "Z"	DIM "A"	DIM "B"	DIM "C"	SHORT DETECTS	POLARIZING PEG
10128492-X19500ULF	19.5 mm	25.95	38.60	1.10	1.50	NO	NO
10128492-X14400ULF	14.4 mm	20.85	38.60	1.10	1.50	NO	NO
10128492-X07500ULF	7.5 mm	13.95	38.60	1.10	1.50	NO	NO
10128492-X19500ELF	19.5 mm	25.95	38.60	1.10	1.50	NO	YES
10128492-X14400ELF	14.4 mm	20.85	38.60	1.10	1.50	NO	YES
10128492-X07500ELF	7.5 mm	13.95	38.60	1.10	1.50	NO	YES
10128492-X13500ULF	13.5 mm	19.95	38.60	1.10	1.50	NO	NO
10128492-X33500ULF	33.5 mm	39.95	39.90	1.70	2.20	NO	NO



SCALE 3:1
10128492-X14400ULF

spec ref	SEE NOTES	dr	David Guo	2017/02/20	projection	mm	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Zhou, Zoe (Xua)	2026/03/03			ecn no	ELX-DG-279604-1		
ASME Y14.5M		chr	-	-			product family	ExaMEZZ	rel lev	Released
ASME Y14.5M		appr	Heaven Cen	2026/03/04						
surface	linear	0.X	±0.3		Amphenol FCI	title	ExaMEZZ CONNECTOR ASSEMBLY	dwg no	10128492	rev
		0.XX	±0.10				HERMAPHRODITIC, 4 PAIR, 19 IMLA			B
		0.XXX	±0.05							
	angular	0°	±2°			cat. no.	-	Product - Customer Drw	sheet 5 of 5	