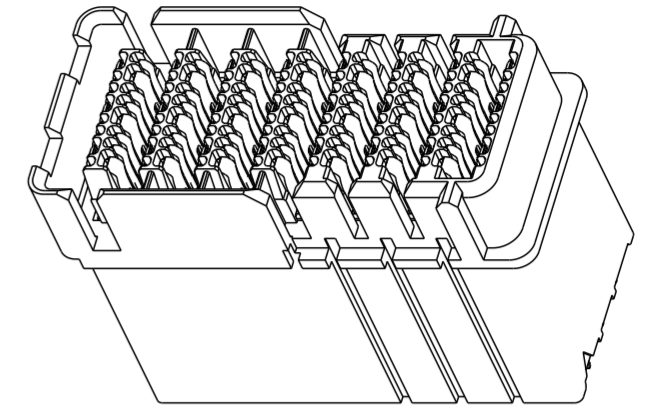
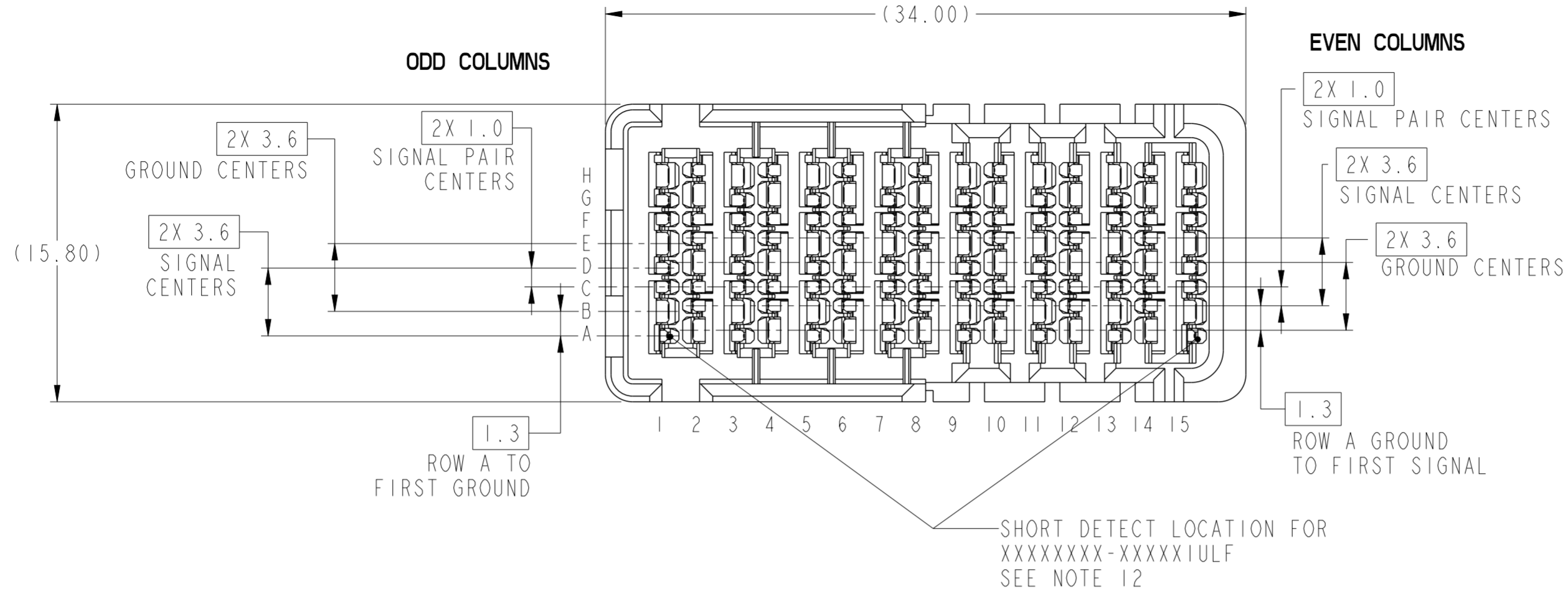
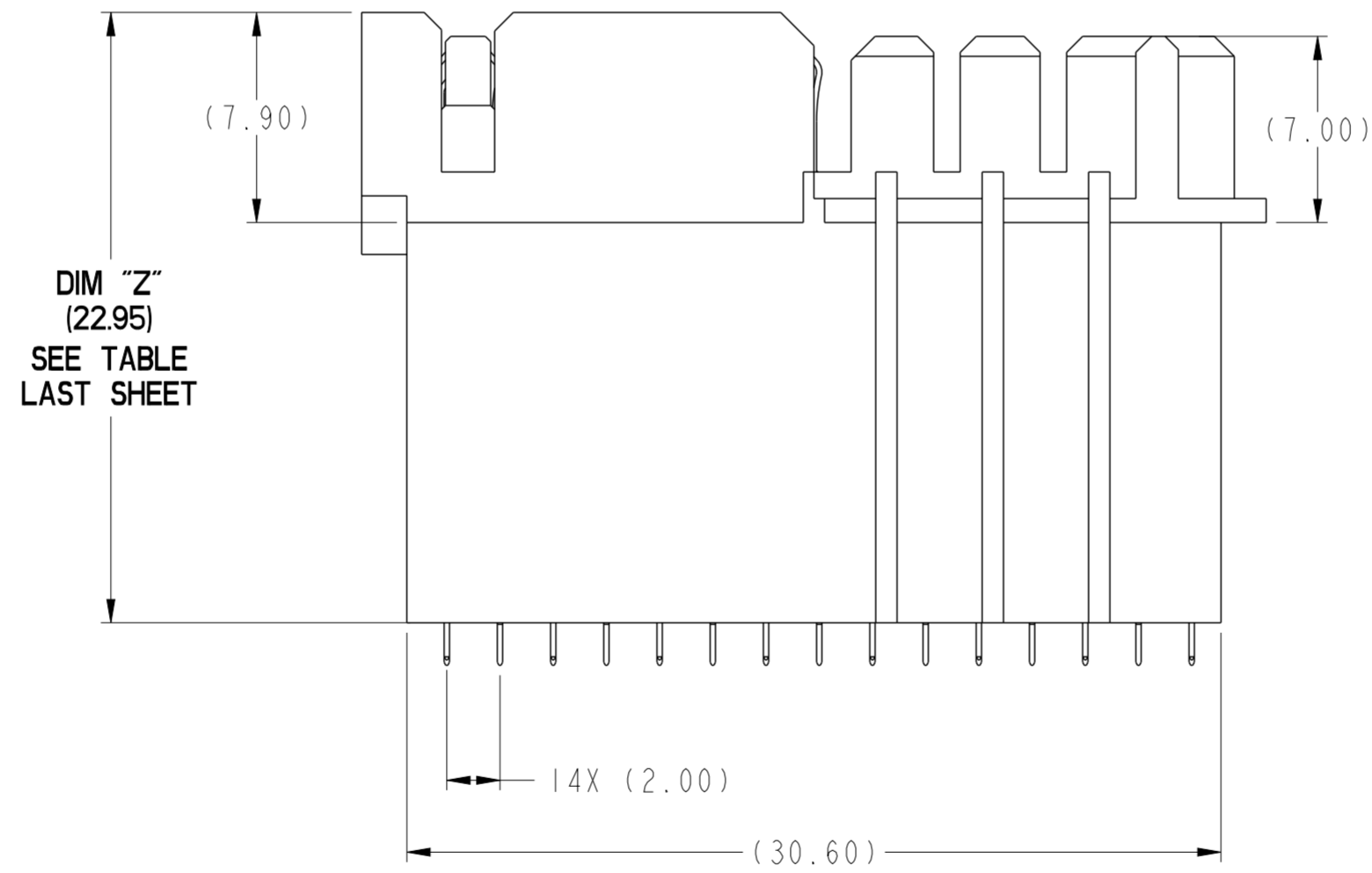
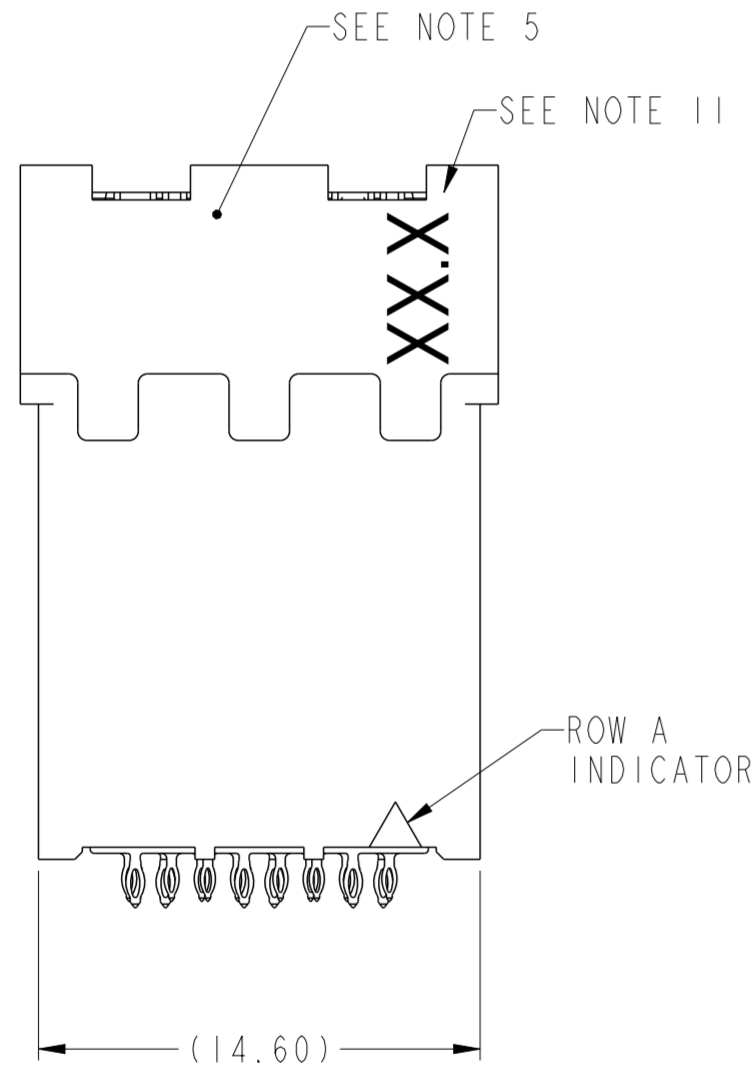


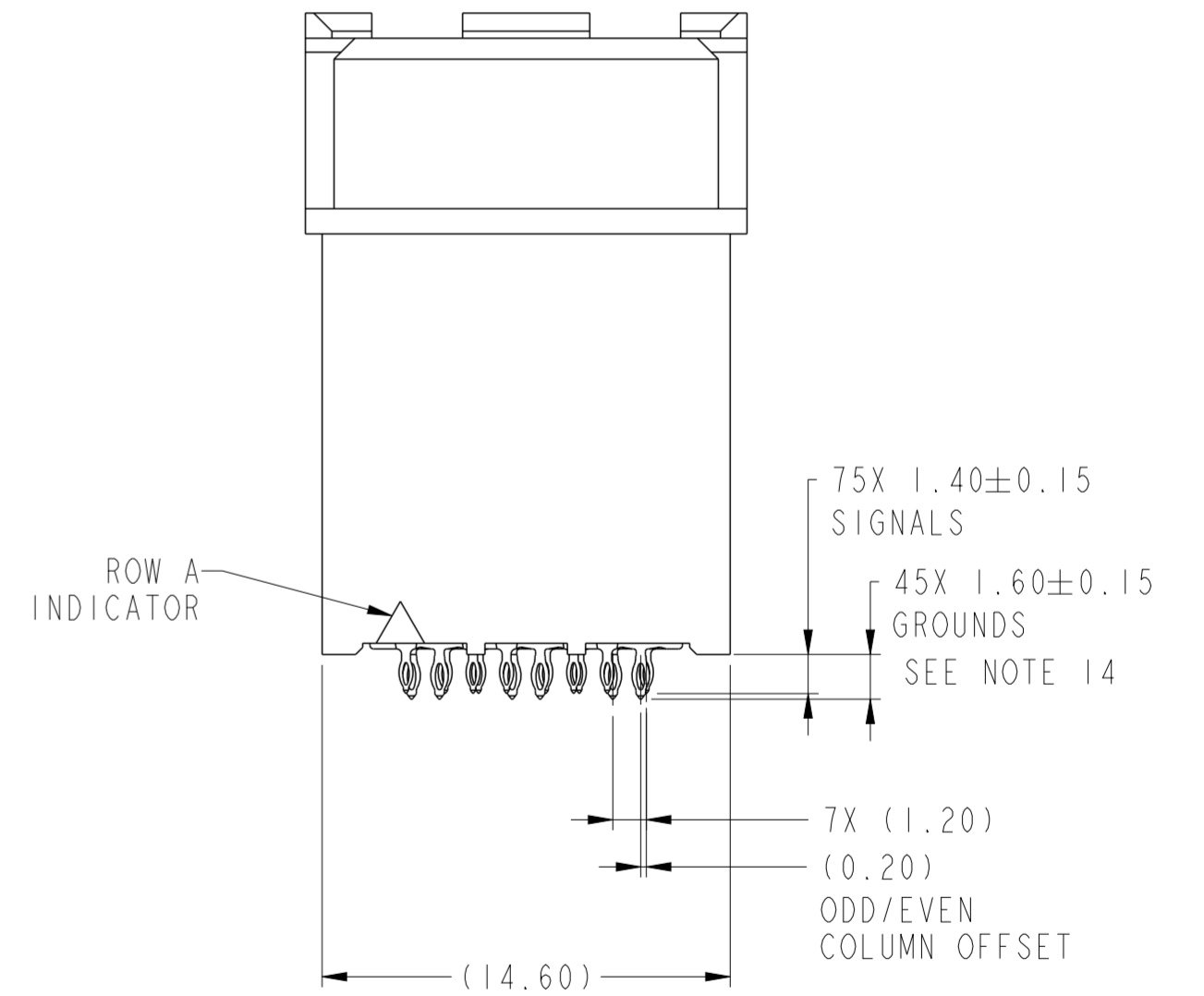
PRODUCT NUMBERS SEE TABLE ON LAST SHEET



SCALE 2:1



10128481 -119500ULF SHOWN
SCALE 4:1



spec ref	SEE NOTES	dr	Mark Lauermann	2014/02/13	projection	mm	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	David Guo	2018/01/30		mm	ecn no	-	rel level	Released
ISO 406		chr	-	appr						
ISO 1101					product family	ExaMEZZ	rel level	Released		
surface	linear	0.X	±0.3	title ExaMEZZ CONNECTOR ASSEMBLY HERMAPHRODITIC, 2 PAIR, 15 IMLA			cat. no.	SEE TABLE	Product - Customer Drw	sheet 1 of 4
		0.XX	±0.10				no	10128481	rev	A
ASME Y14.5M	angular	0°	±2°				dwg no			

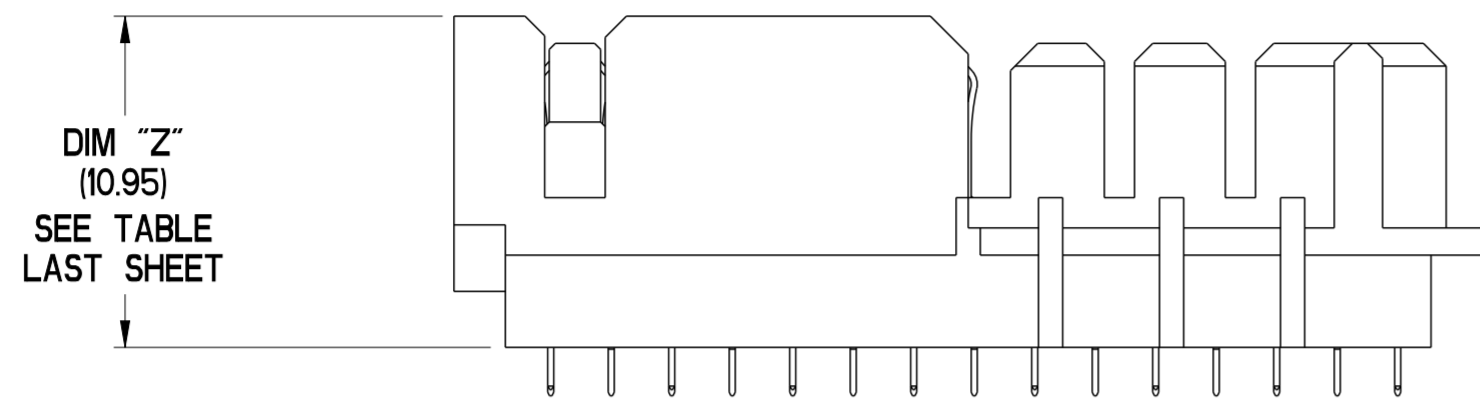
PDS: Rev :A

STATUS:Released

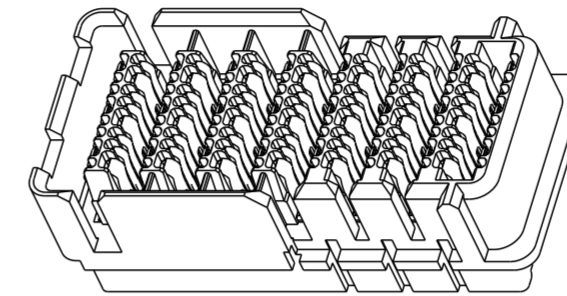
Printed: Jan 30, 2018

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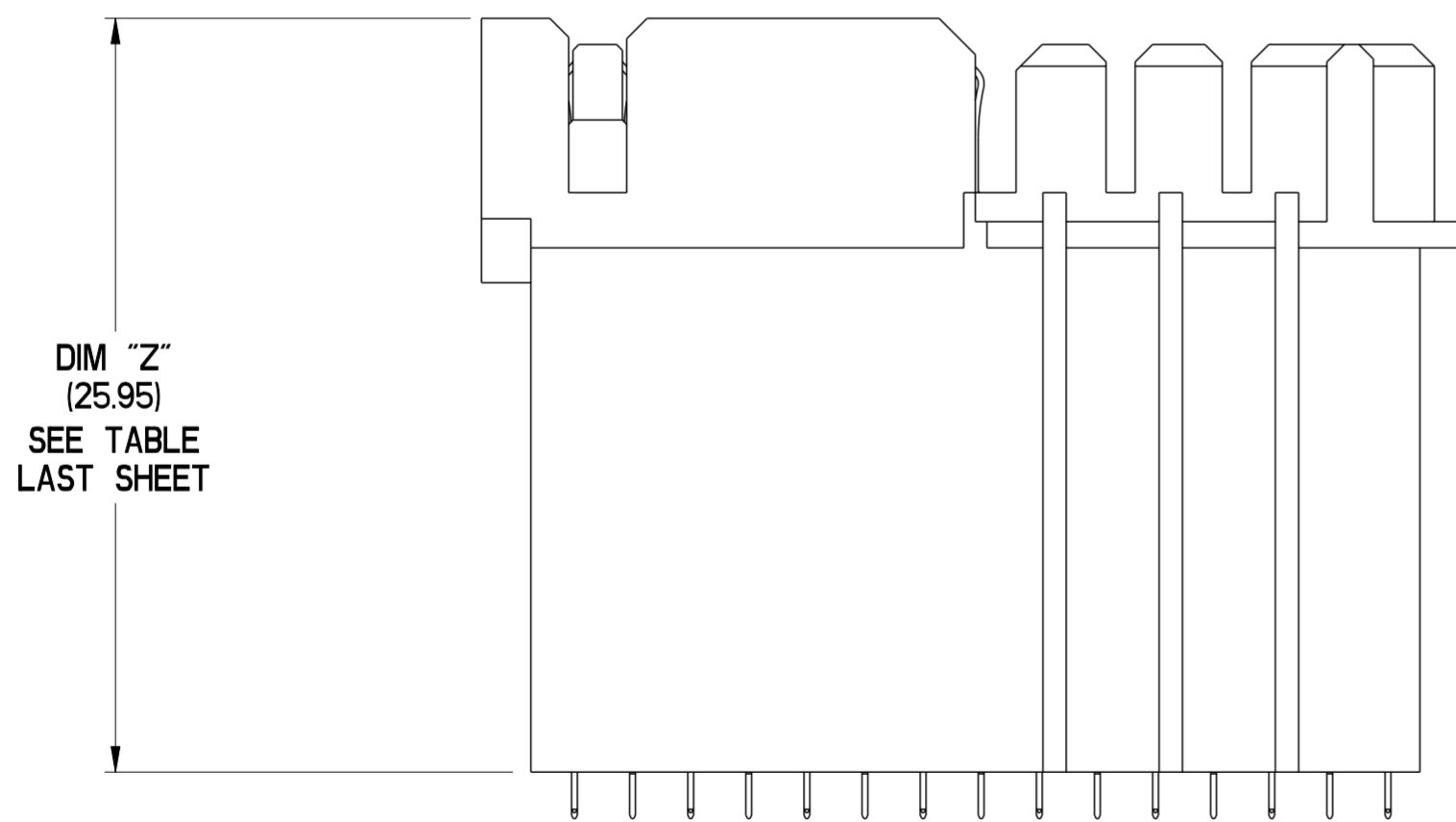
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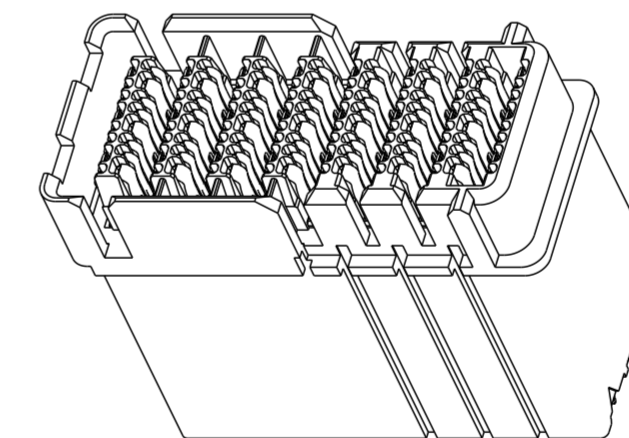
SHORTEST HEIGHT
10128481-107500ULF SHOWN
SCALE 4:1



SCALE 2:1



TALLEST HEIGHT
10128481-122500ULF SHOWN
SCALE 4:1



SCALE 2:1

spec ref	SEE NOTES	dr	Mark Lauermann	2014/02/13	projection	mm	size	A2	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	David Guo	2018/01/30			ecn no	-	product family ExaMEZZ	rel level	Released
ISO 406		chr	-	cat. no.			SEE TABLE	Product - Customer Drw		sheet 2 of 4	
ISO 1101		appr	Heaven Cen	2018/01/30			title	ExaMEZZ CONNECTOR ASSEMBLY		divg no	10128481
surface	linear	0.X	±0.3	ASME Y14.5M	angular	0°	±2°				

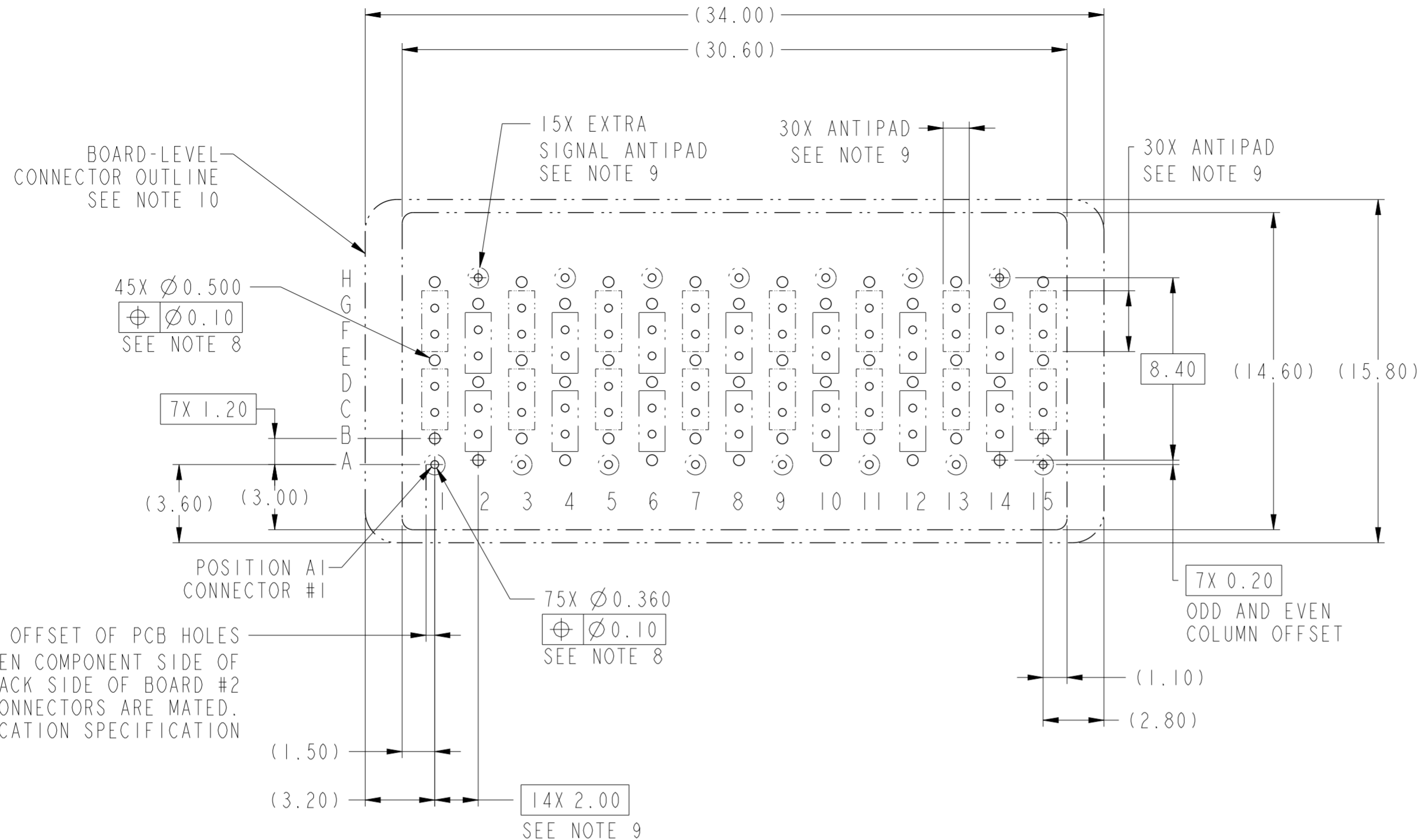
PDS: Rev :A

STATUS:Released

Printed: Jan 30, 2018

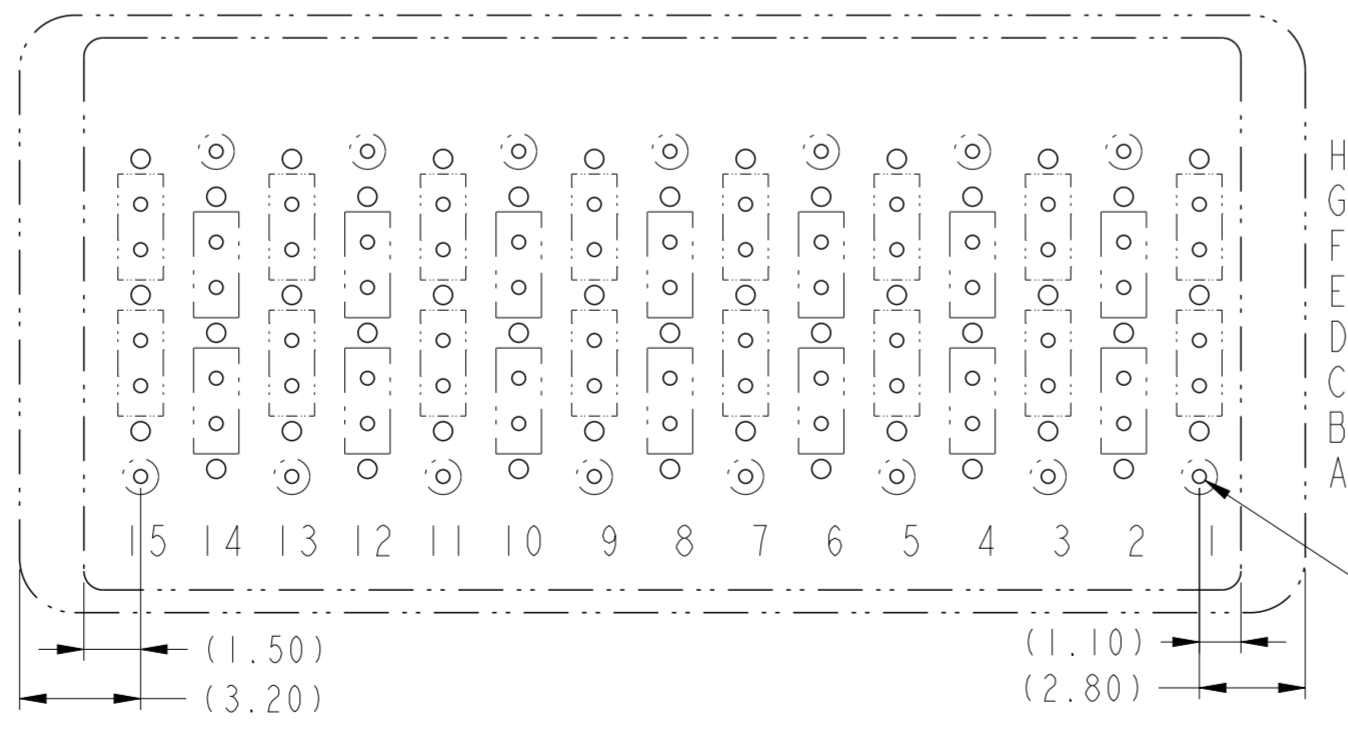
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**BOARD FOOTPRINT
CONNECTOR #1
COMPONENT SIDE**

**10128481-XXXXXXULF
RECOMMENDED PCB LAYOUT
SCALE 5:1**



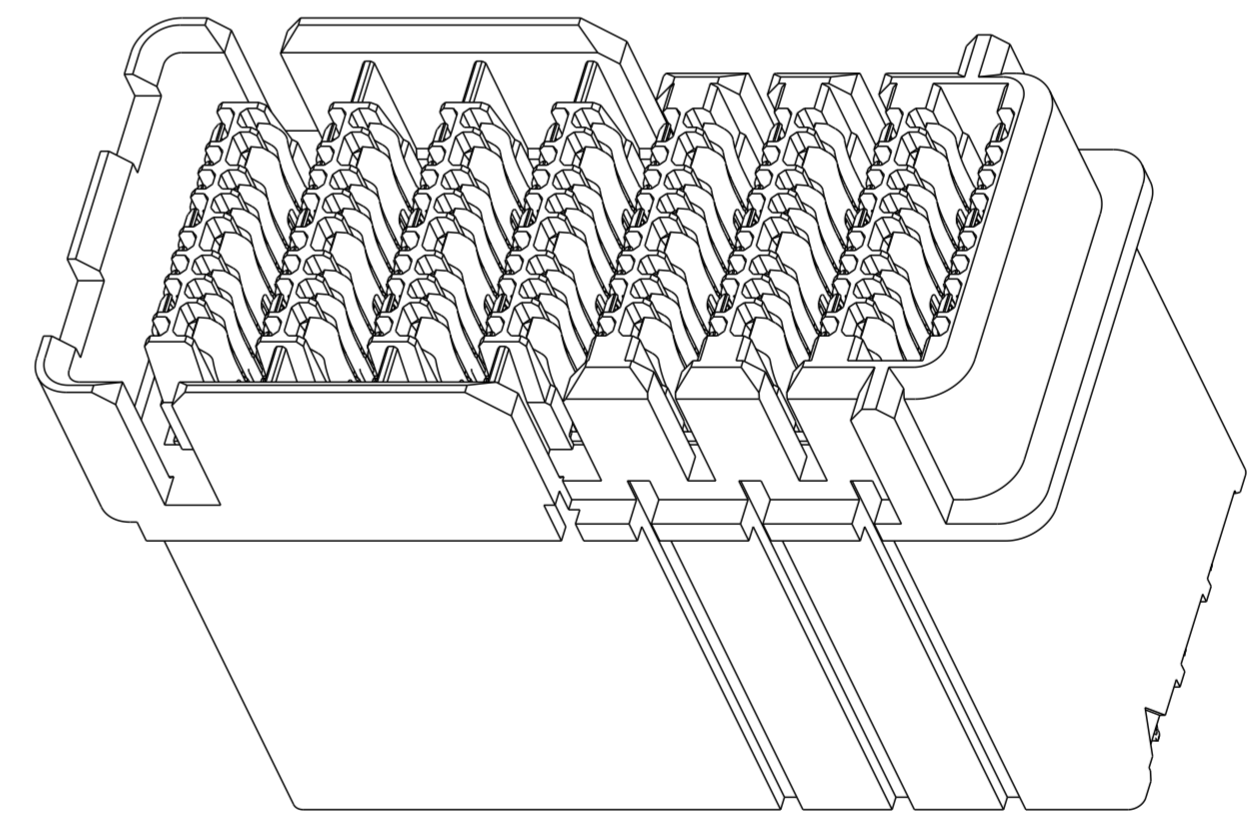
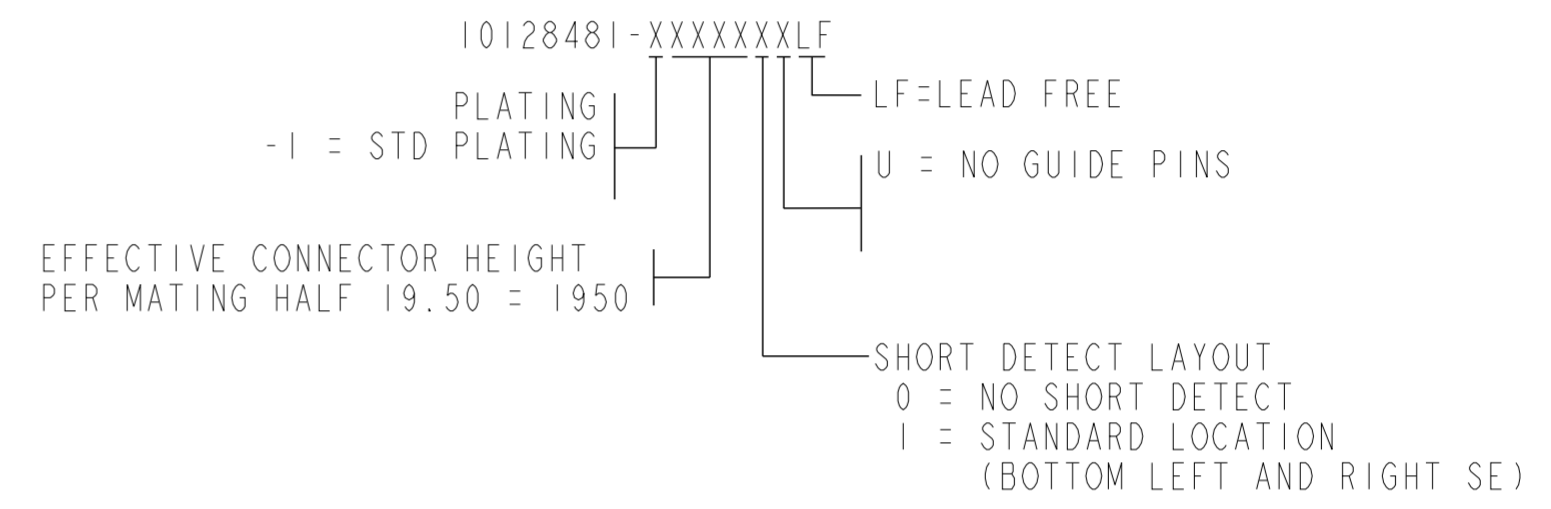
**BOARD FOOTPRINT
CONNECTOR #2 (MATING CONNECTOR)
(SAME FOOTPRINT, DIFFERENT A1 LOCATION)
COMPONENT SIDE**

POSITION A1
CONNECTOR #2
(MATING CONNECTOR)

spec ref	SEE NOTES	dr	Mark Lauermann	2014/02/13	projection	mm	size	A2	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	David Guo	2018/01/30		mm	ecn no	-	rel level	Released
ISO 406		chr	-							
ISO 1101		appr	Heaven Cen	2018/01/30	product family	-				
surface	linear	ASME Y14.5M	angular	0°	±0.3	±0.10	±0.05	±2°	Amphenol FCI	
		Amphenol FCI		title Ex aMEZZ CONNECTOR ASSEMBLY HERMAPHRODITIC, 2 PAIR, 15 IMLA		cat. no. -	Product - Customer Drw	sheet 3 of 4	rev A	10128481

PRODUCT NUMBER	STACK HEIGHT EACH SIDE	DIM "Z"	SHORT DETECTS
10128481-107500ULF	7.5 mm	10.95	NO
10128481-107501ULF	7.5 mm	10.95	YES
10128481-112500ULF	12.5 mm	15.95	NO
10128481-112501ULF	12.5 mm	15.95	YES
10128481-119500ULF	19.5 mm	22.95	NO
10128481-119501ULF	19.5 mm	22.95	YES
10128481-122500ULF	22.5 mm	25.95	NO
10128481-122501ULF	22.5 mm	25.95	YES

- 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 - 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, 19.5, ETC.) 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.
- 14 - ALL GROUND CONTACTS WITHIN A COLUMN ARE COMMONED.



SCALE 4:1

spec ref	SEE NOTES	dr	Mark Lauermann	2014/02/13	projection	mm	size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	David Guo	2018/01/30			ecn no	-	rel level	Released	
ISO 406 ISO 1101		chr	-	appr			Heaven Cen	2018/01/30		product family	ExaMEZZ
surface	linear	0.X	±0.3	Amphenol FCI		ExaMEZZ CONNECTOR ASSEMBLY HERMAPHRODITIC, 2 PAIR, 15 IMLA		cat. no.	10128481	rev	A
		0.XX	±0.10					SEE TABLE	Product - Customer Drw	sheet 4 of 4	
ASME Y14.5M	angular	0°	±2°								

PDS: Rev :A

STATUS:Released

Printed: Jan 30, 2018

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