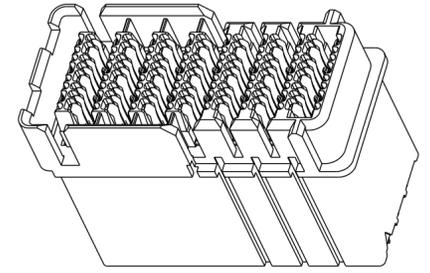
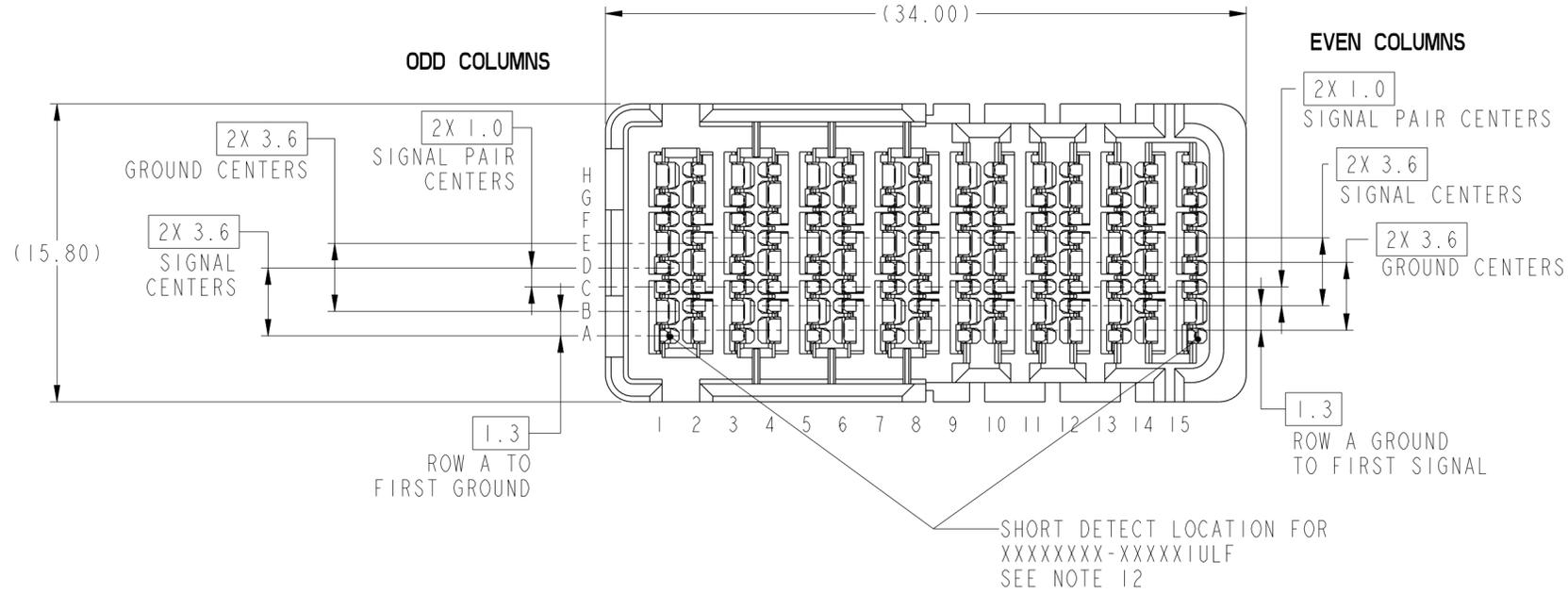
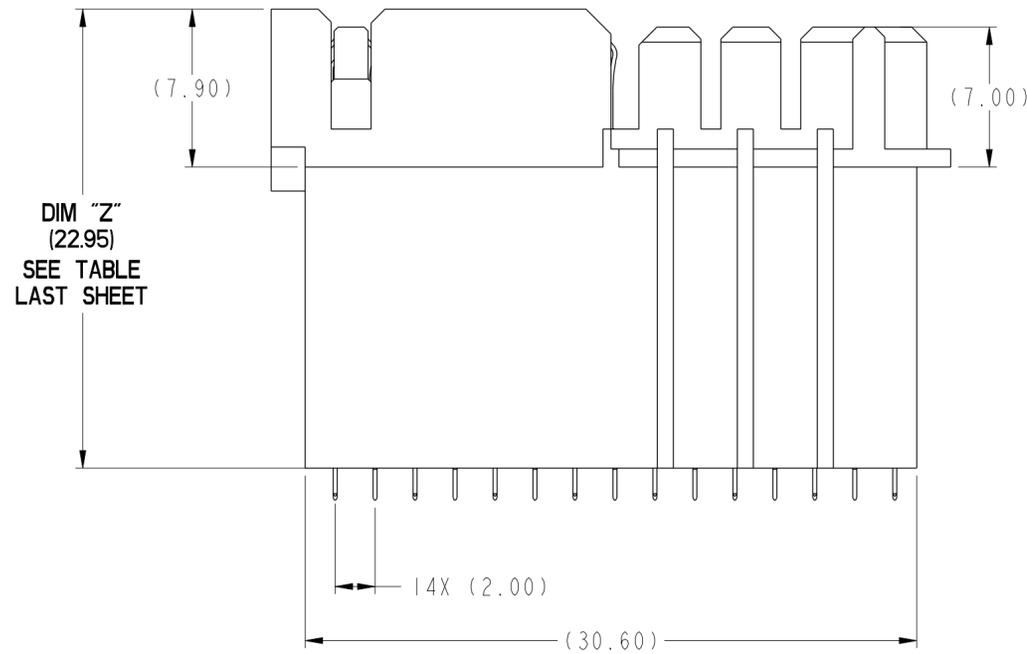
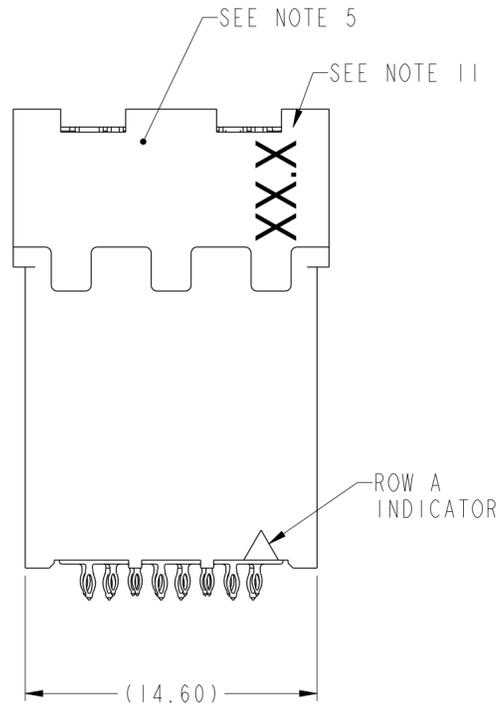


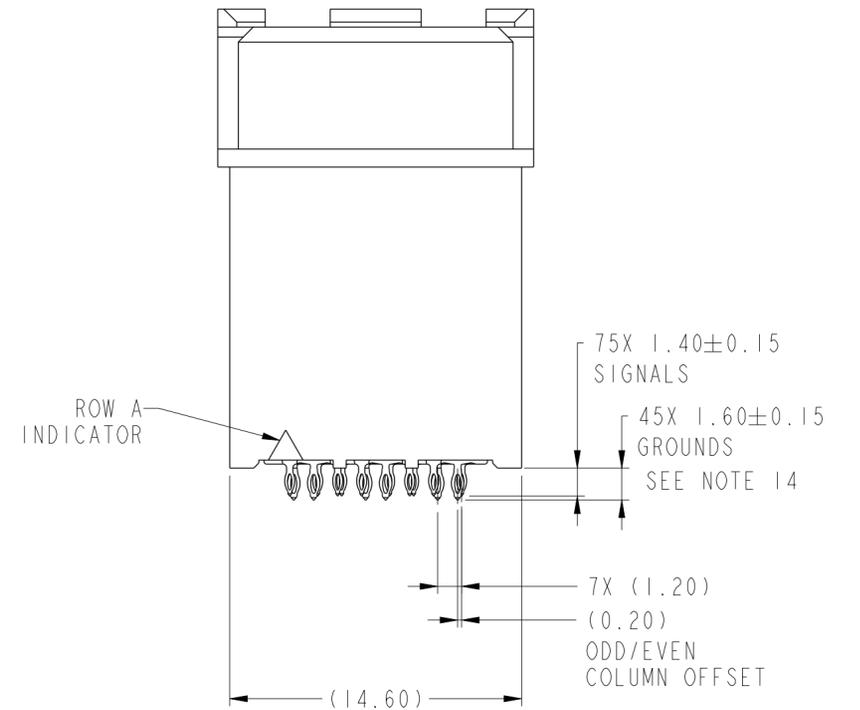
PRODUCT NUMBERS SEE TABLE ON LAST SHEET



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	-	app						
ISO 1101		Amphenol FCI			product family	ExaMEZZ	rel level	Released	rev	A
surface	linear	0.X	±0.3	title		ExaMEZZ CONNECTOR ASSEMBLY	cat. no.	10128481	sheet 1 of 4	
		0.XX	±0.10	HERMAPHRODITIC, 2 PAIR, 15 IMLA						
		0.XXX	±0.05	SEE TABLE		Product - Customer Drw				
ASME Y14.5M	angular	0°	±2°							

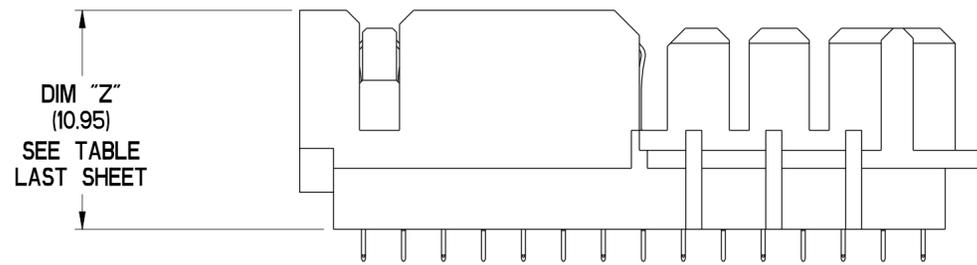
PDS: Rev :A

STATUS:Released

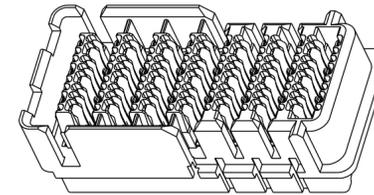
Printed: Jan 30, 2018

Amphenol FCI

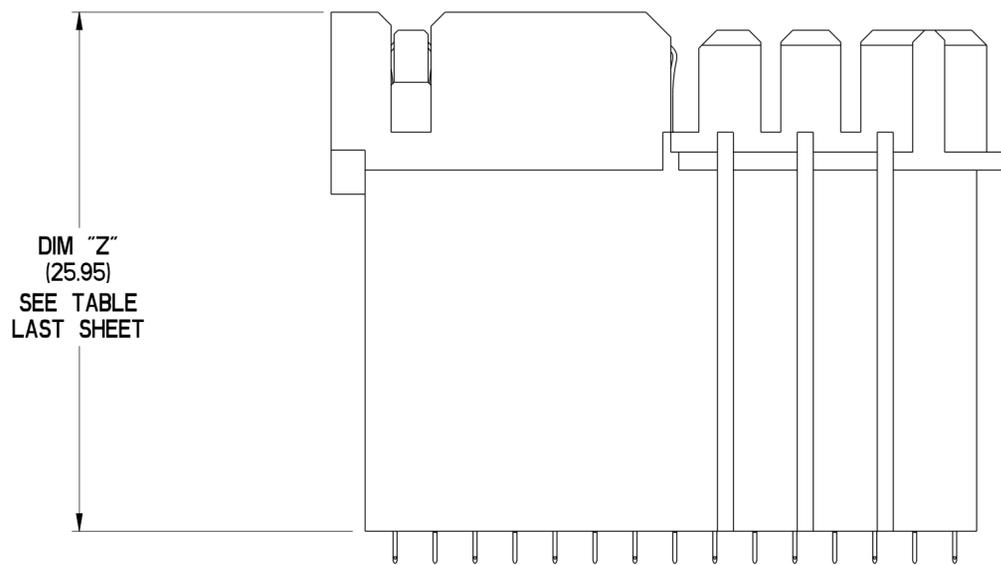
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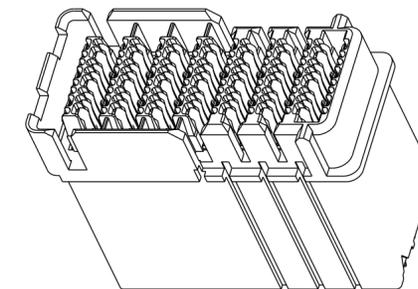
SHORTEST HEIGHT
10128481-107500ULF SHOWN
SCALE 4:1



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	-	rel level	Released
ISO 406		chr	-	product family			ExaMEZZ			
ISO 1101		appr	Heaven Cen	2018/01/30	divg no	10128481				
surface	linear	0.X	±0.3	Amphenol FCI	title		ExaMEZZ CONNECTOR ASSEMBLY		rev	A
ASME Y14.5M		0.XX	±0.10		title		HERMAPHRODITIC, 2 PAIR, 15 IMLA			
	angular	0°	±2°		cat. no.	SEE TABLE	Product - Customer Drw	sheet 2 of 4		

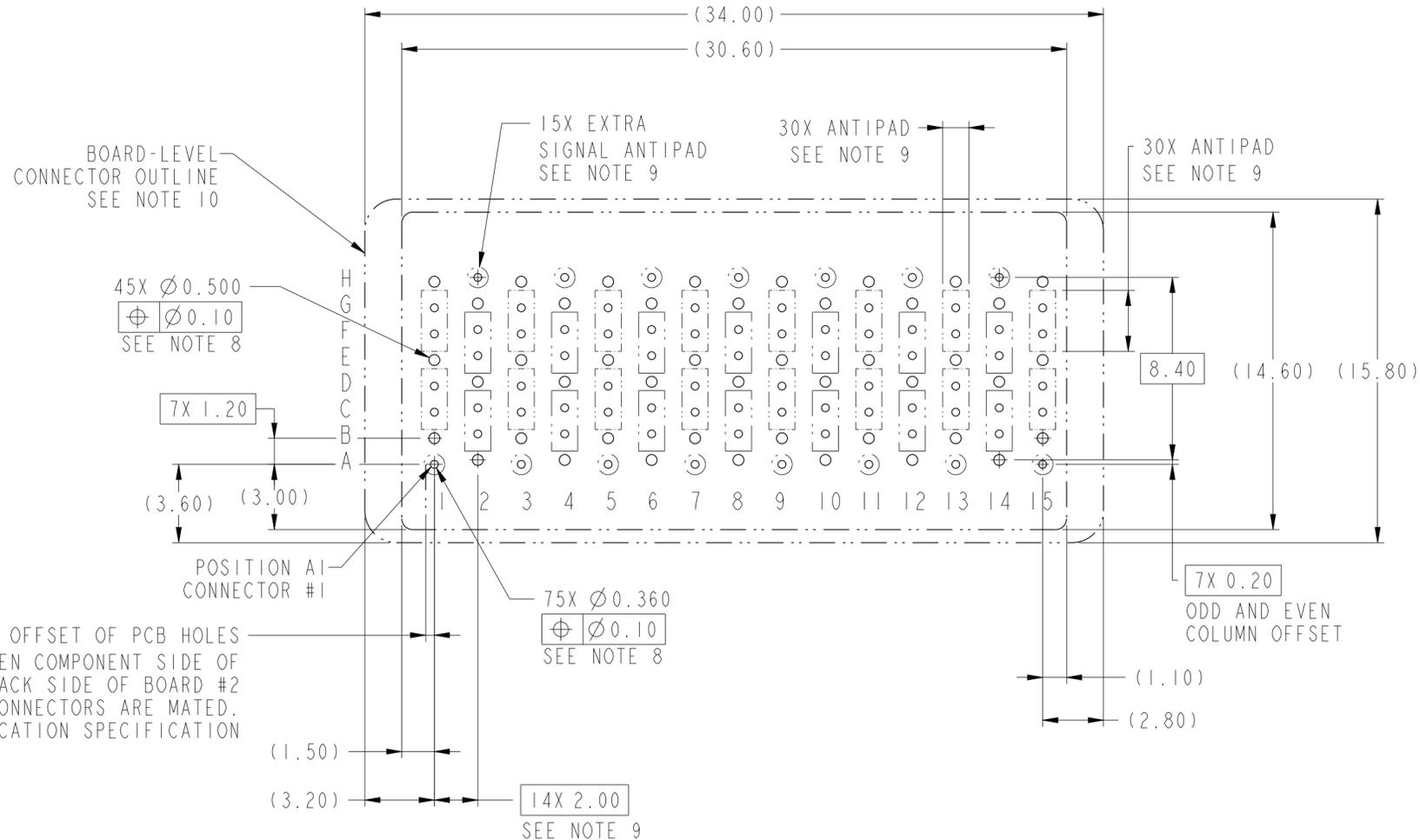
PDS: Rev :A

STATUS:Released

Printed: Jan 30, 2018

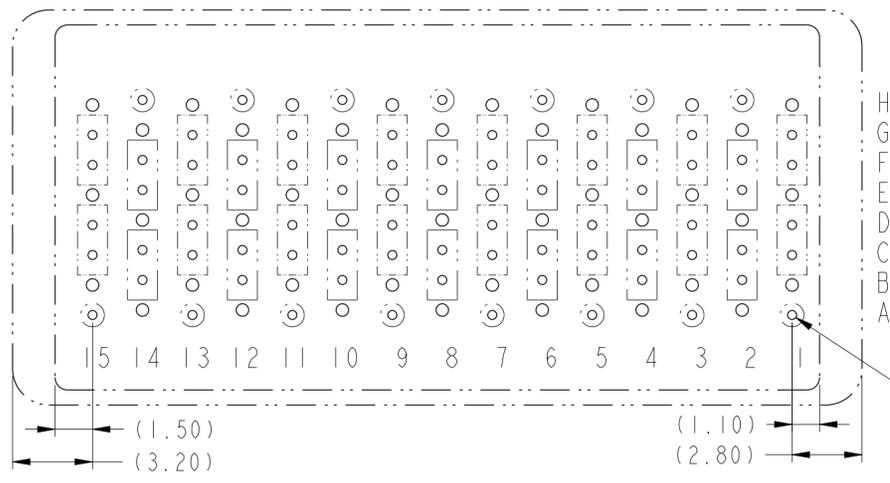
Amphenol FCI

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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**

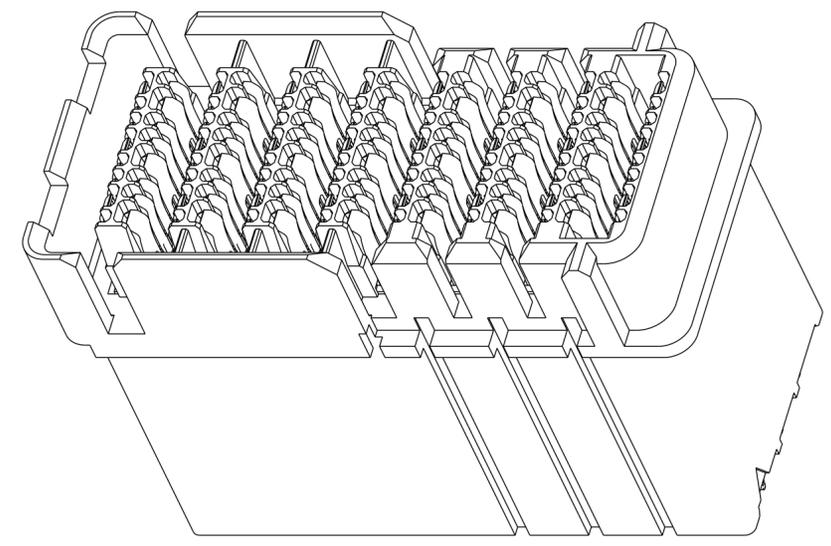
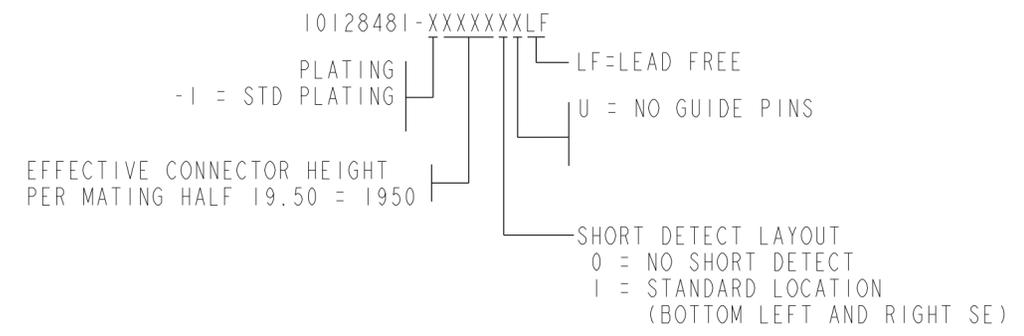
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spec ref	SEE NOTES	dr	Mark Lauermann	2014/02/13	projection	mm	size	A2	scale	2:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	David Guo	2018/01/30		mm	ecn no	-	rel level	Released			
ISO 406		chr	-										
ISO 1101		appr	Heaven Cen	2018/01/30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

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

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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 ISO 1101		chr	-	app						
surface	linear	0.X	±0.3	Amphenol FCI		ExaMEZZ CONNECTOR ASSEMBLY HERMAPHRODITIC, 2 PAIR, 15 IMLA		div no 10128481	rev A	
		0.XX	±0.10							
		0.XXX	±0.05							
ASME Y14.5M	angular	0°	±2°	cat. no.	SEE TABLE	Product - Customer Drw	sheet 4 of 4			

PDS: Rev :A

STATUS:Released

Printed: Jan 30, 2018