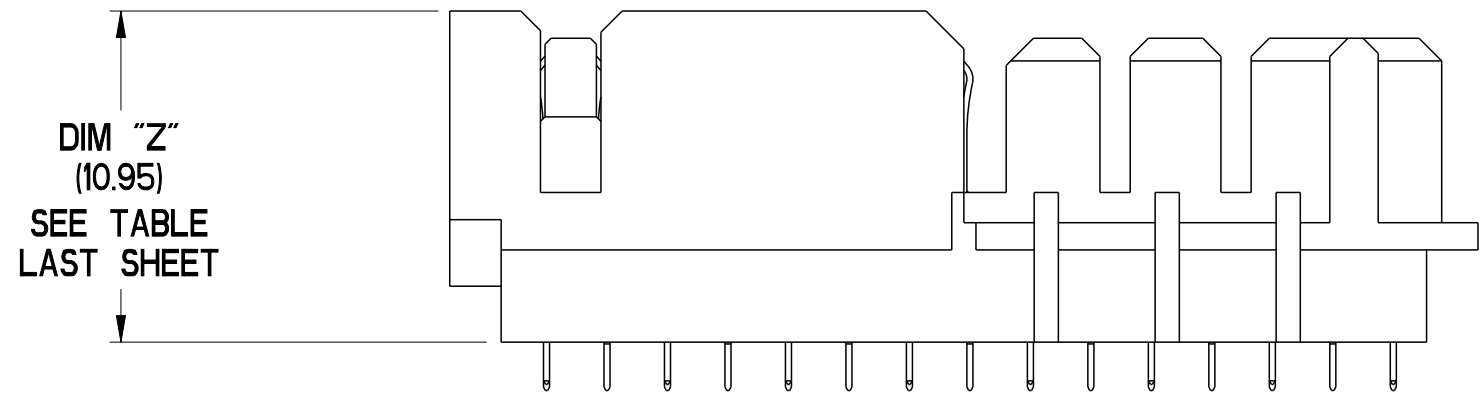
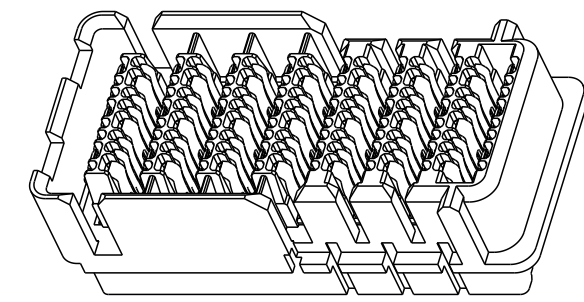
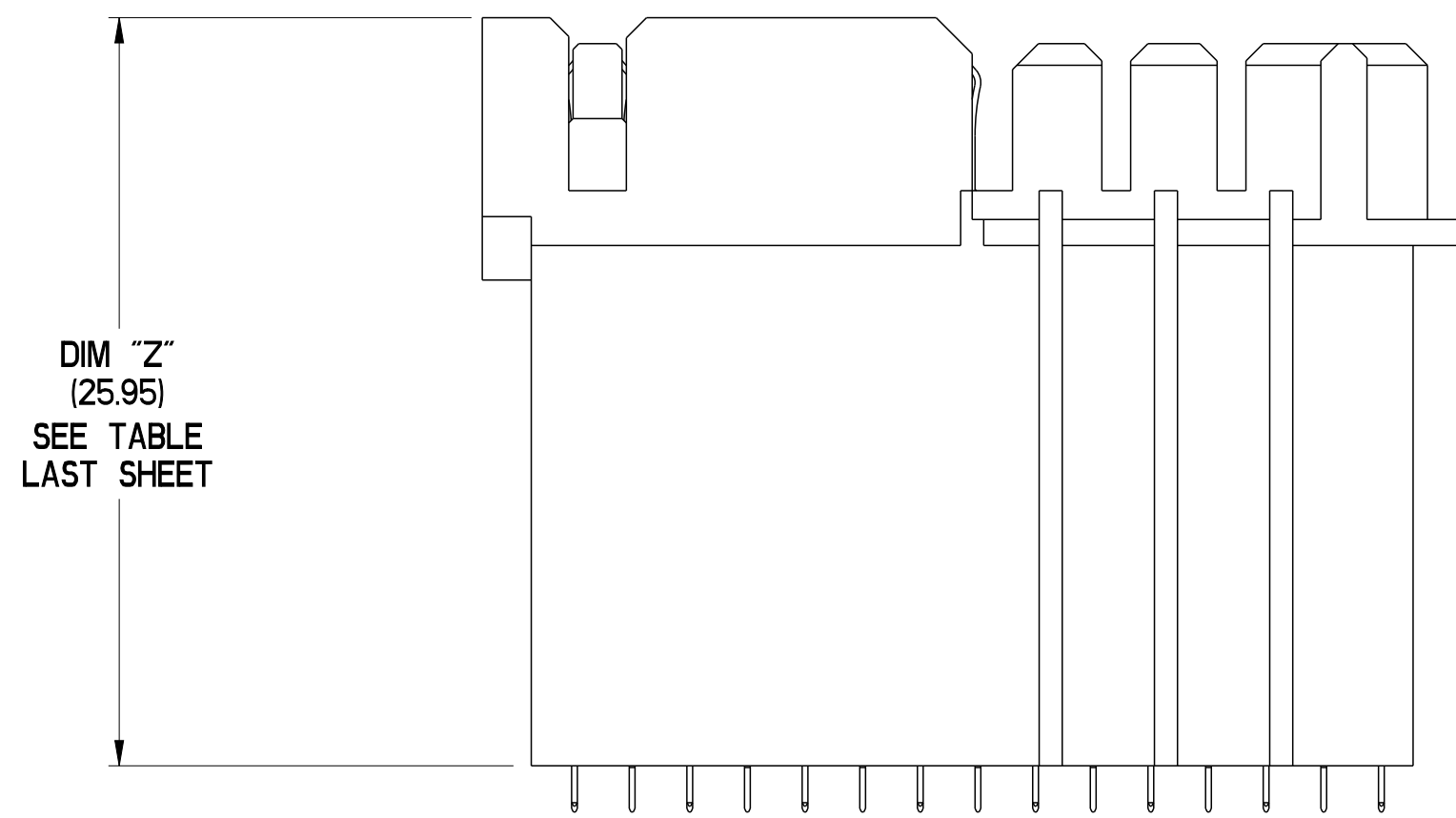




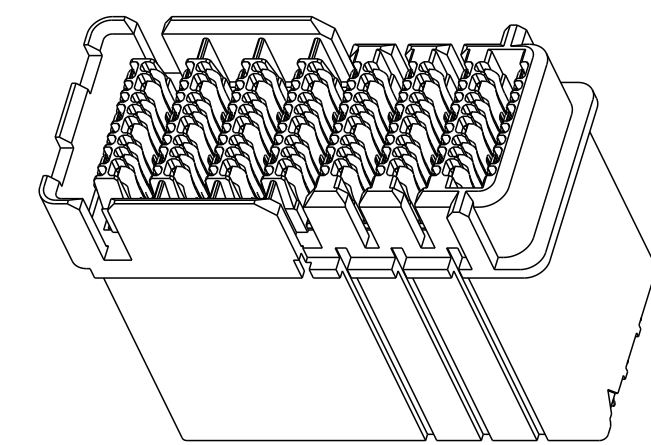
SHORTEST HEIGHT
10128481-107500ULF SHOWN
SCALE 4:1



SCALE 2:1



TALLEST HEIGHT
10128481-122500ULF SHOWN
SCALE 4:1

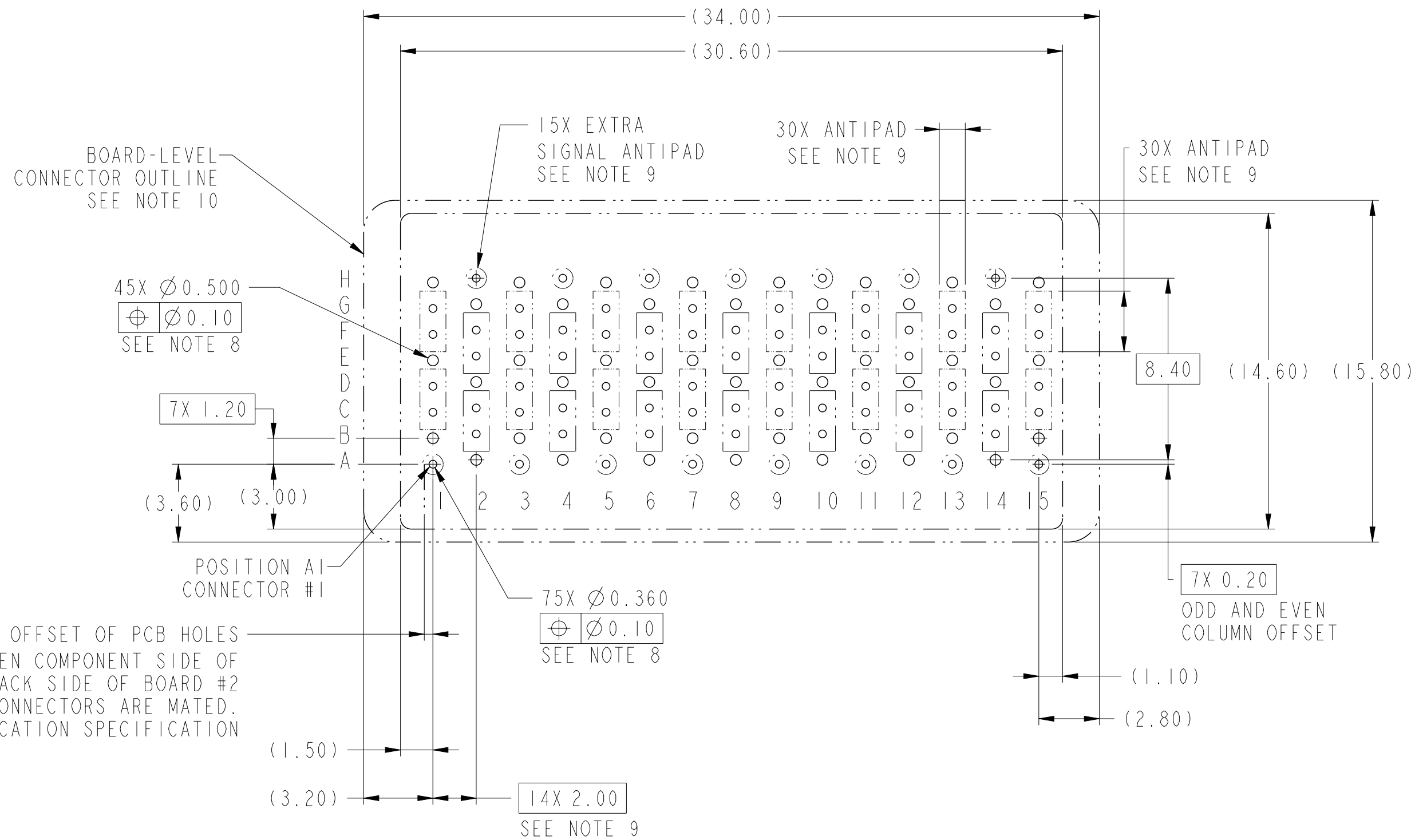


SCALE 2:1

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		-								
ISO 406					chr		-																		
ISO 1101					appr		Heaven Cen		2018/01/30		product family				ExaMEZZ				rel level		Released				
surface				linear		0.X		±0.3		Amphenol FCI		title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128481		rev		A			
ASME Y14.5M				0.XX																				±0.10	
				0.XXX																				±0.05	
		angular		0°		±2°		cat. no.		SEE TABLE		Product - Customer Drw		sheet 2 of 4											

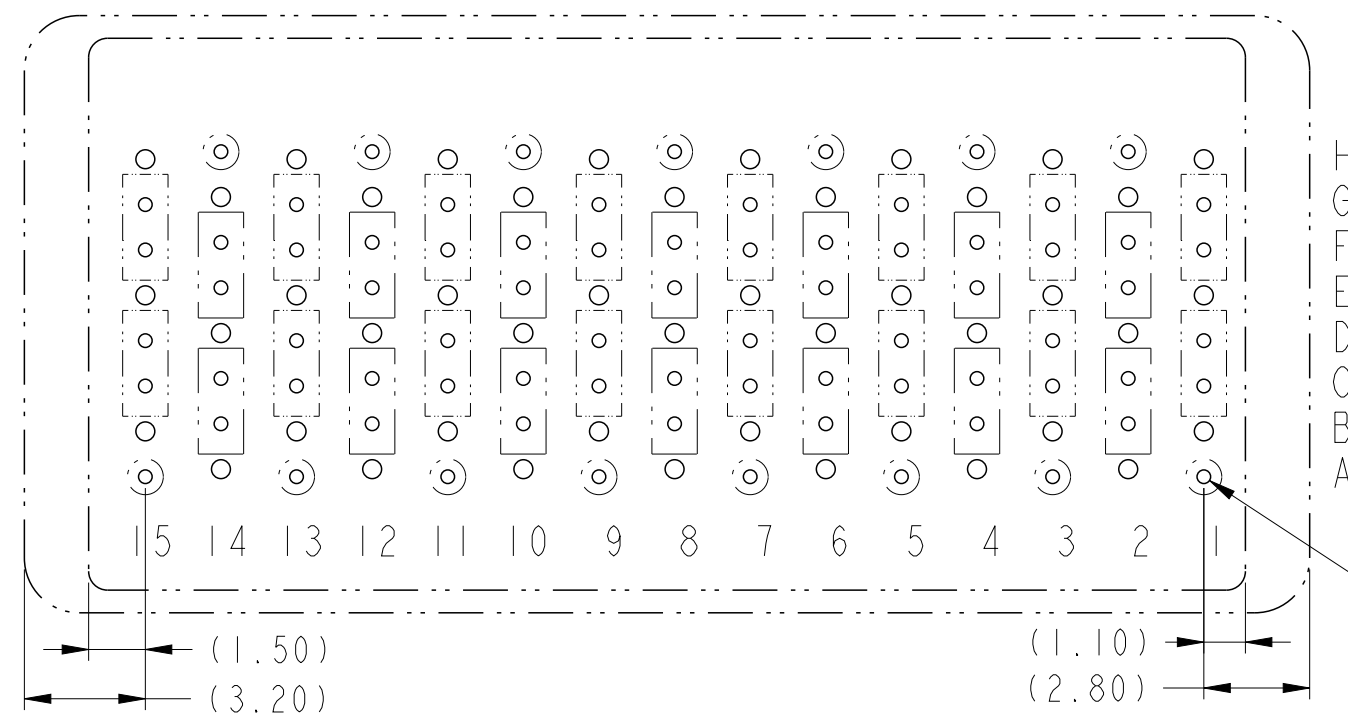
Amphenol FCI

© 2016 APCI

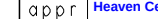


BOARD FOOTPRINT
CONNECTOR #1
COMPONENT SIDE

10128481-XXXXXXULF
RECOMMENDED PCB LAYOUT
SCALE 5:1

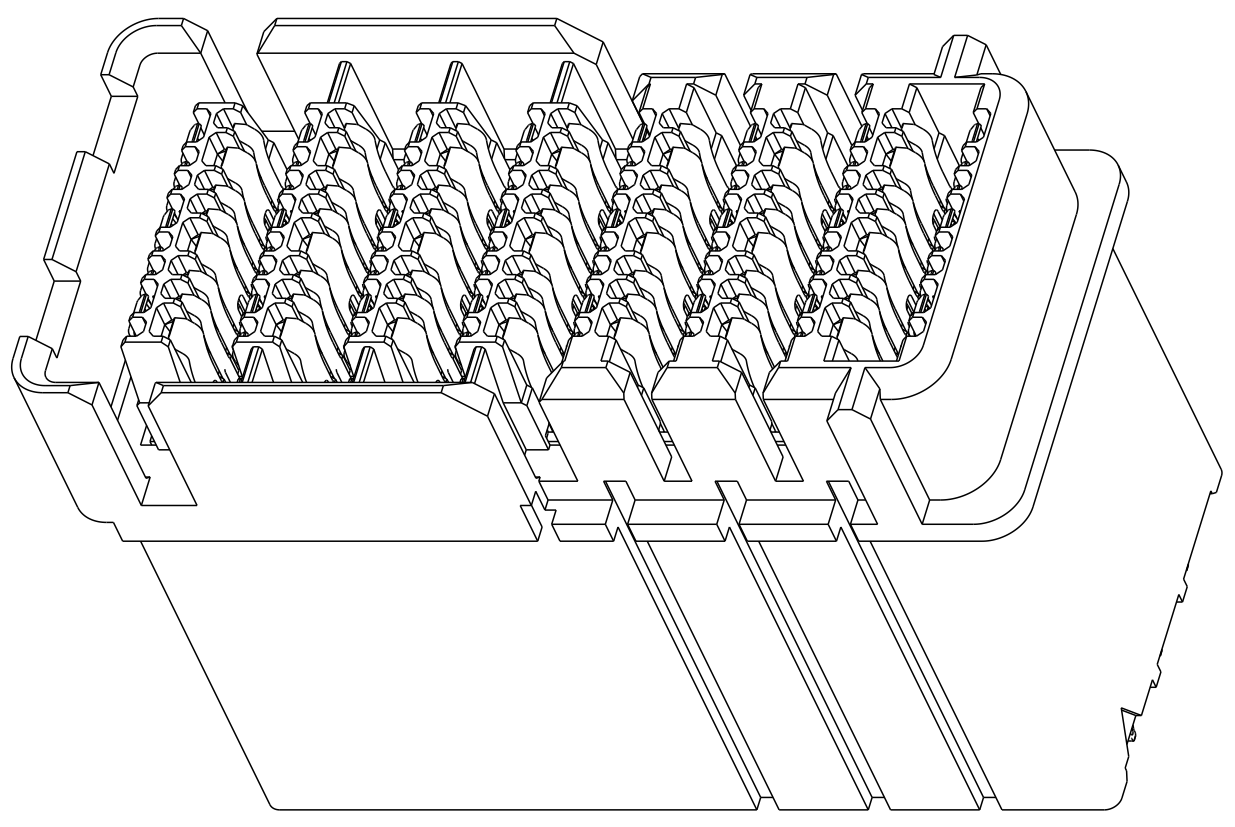
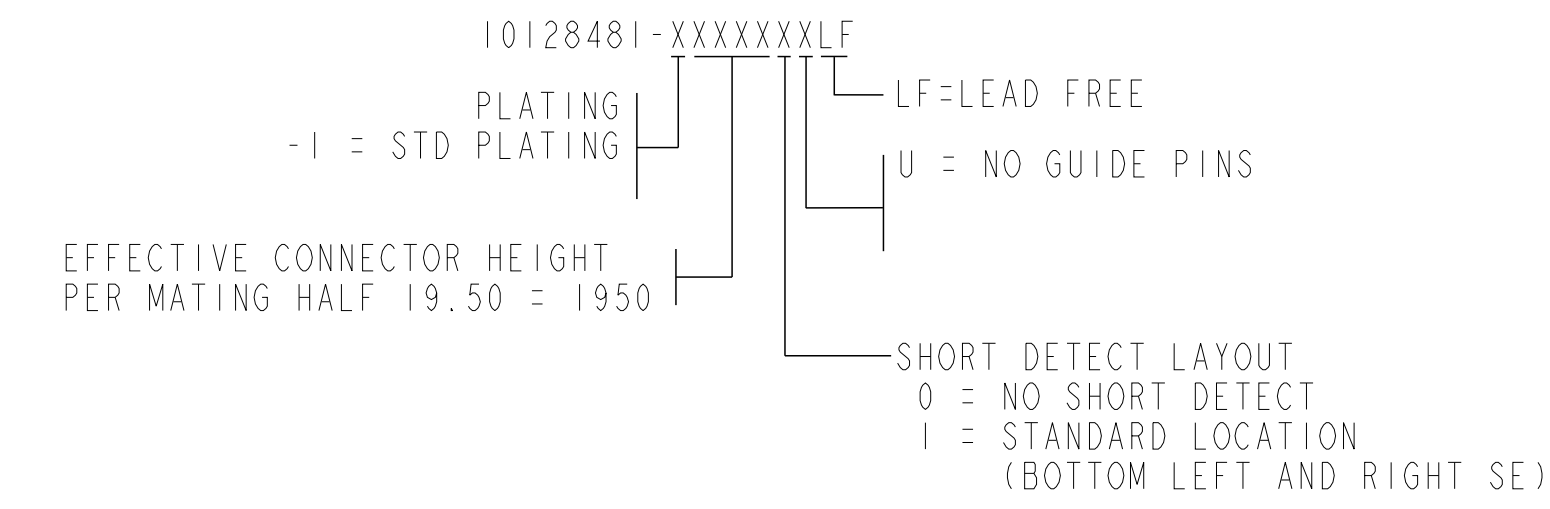


BOARD FOOTPRINT
CONNECTOR #2 (MATING CONNECTOR)
(SAME FOOTPRINT, DIFFERENT A1 LOCATION)
COMPONENT SIDE

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		2019/01/30						ecn no		-		rel level		Released	
ISO 406				chr		-															
ISO 1101				appr		Heaven Cen		2019/01/30													
surface		linear				title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128481		rev		A					
		0.X																±0.3			
		0.XX																±0.10			
						</															

- 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.

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



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					chr -											
ISO 1101					appr Heaven Cen		2018/01/30						product family ExaMEZZ			
surface		linear	0.X ±0.3		Amphenol FCI		title ExaMEZZ CONNECTOR ASSEMBLY		HERMAPHRODITIC, 2 PAIR, 15 IMLA		dwg no 10128481		rev A			
ASME Y14.5M			0.XX ±0.10													
			0.XXX ±0.05													
		angular	0° ±2°		cat. no.		SEE TABLE		Product - Customer Drw				sheet 4 of 4			