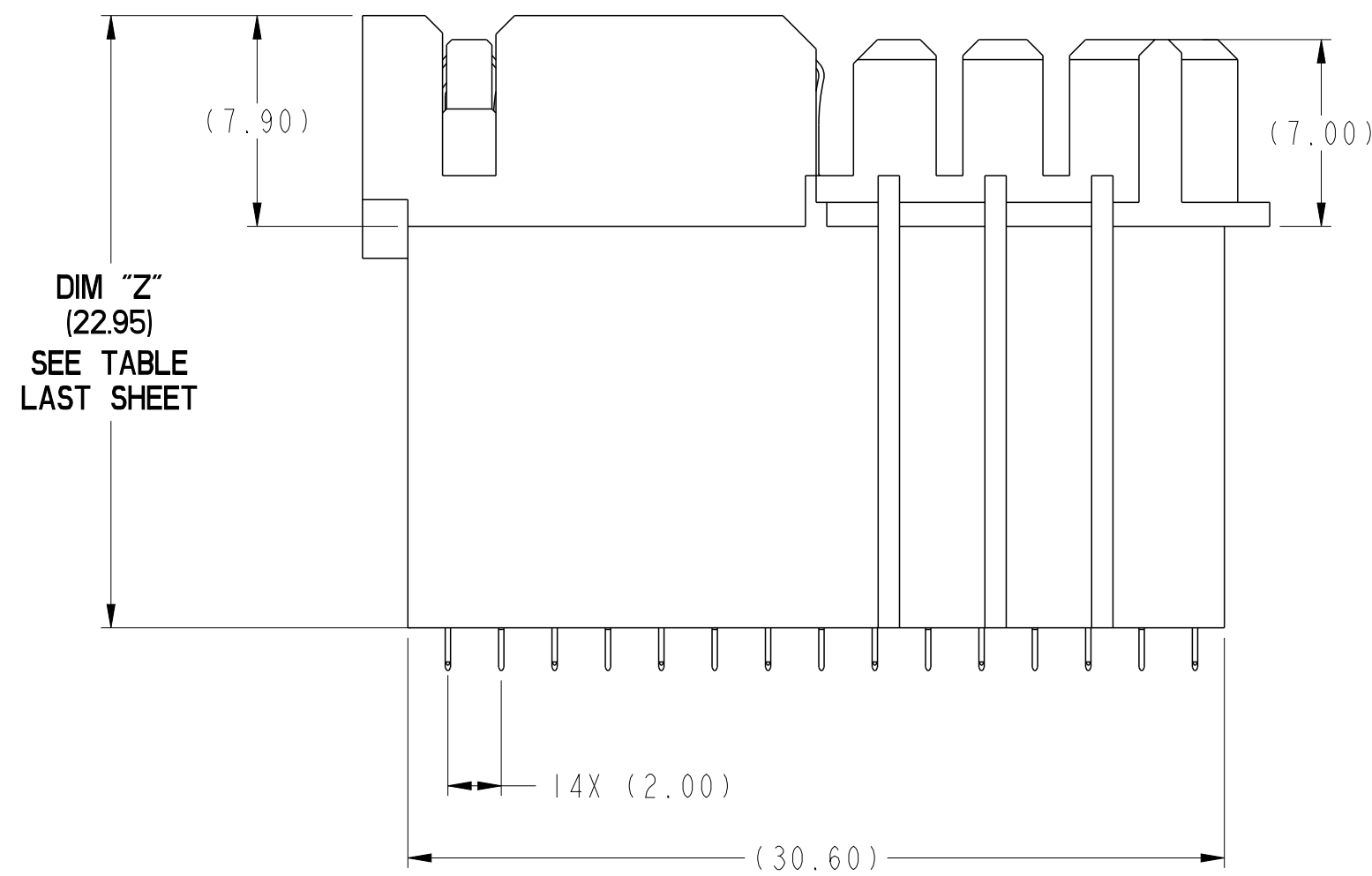
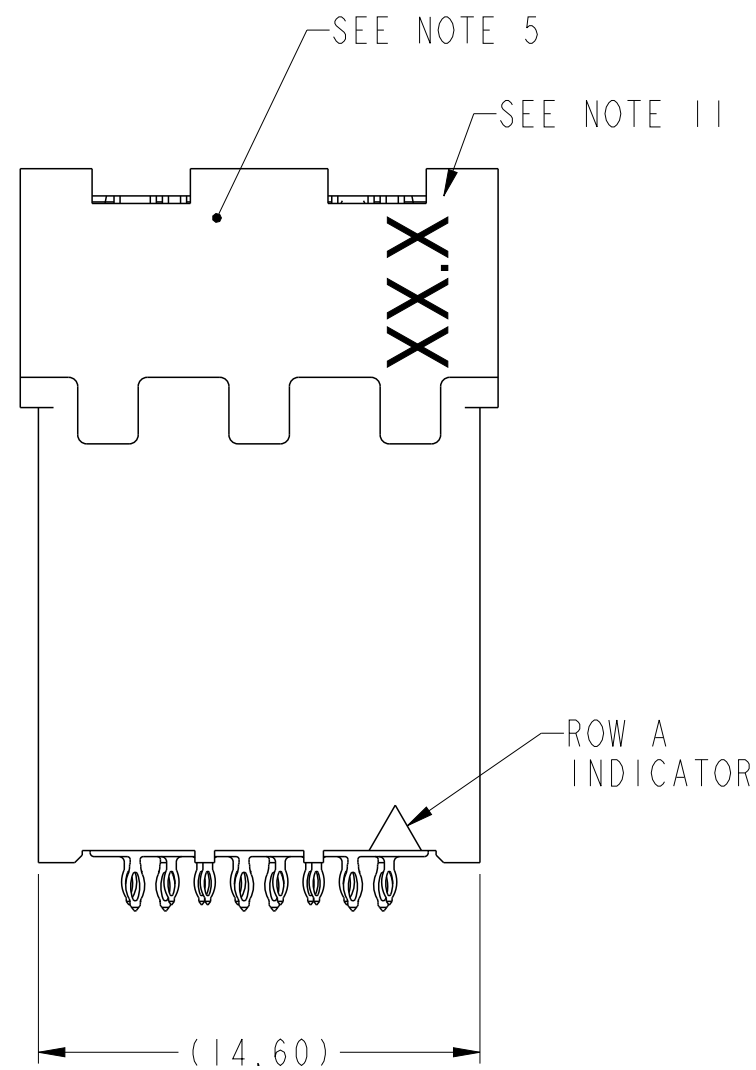
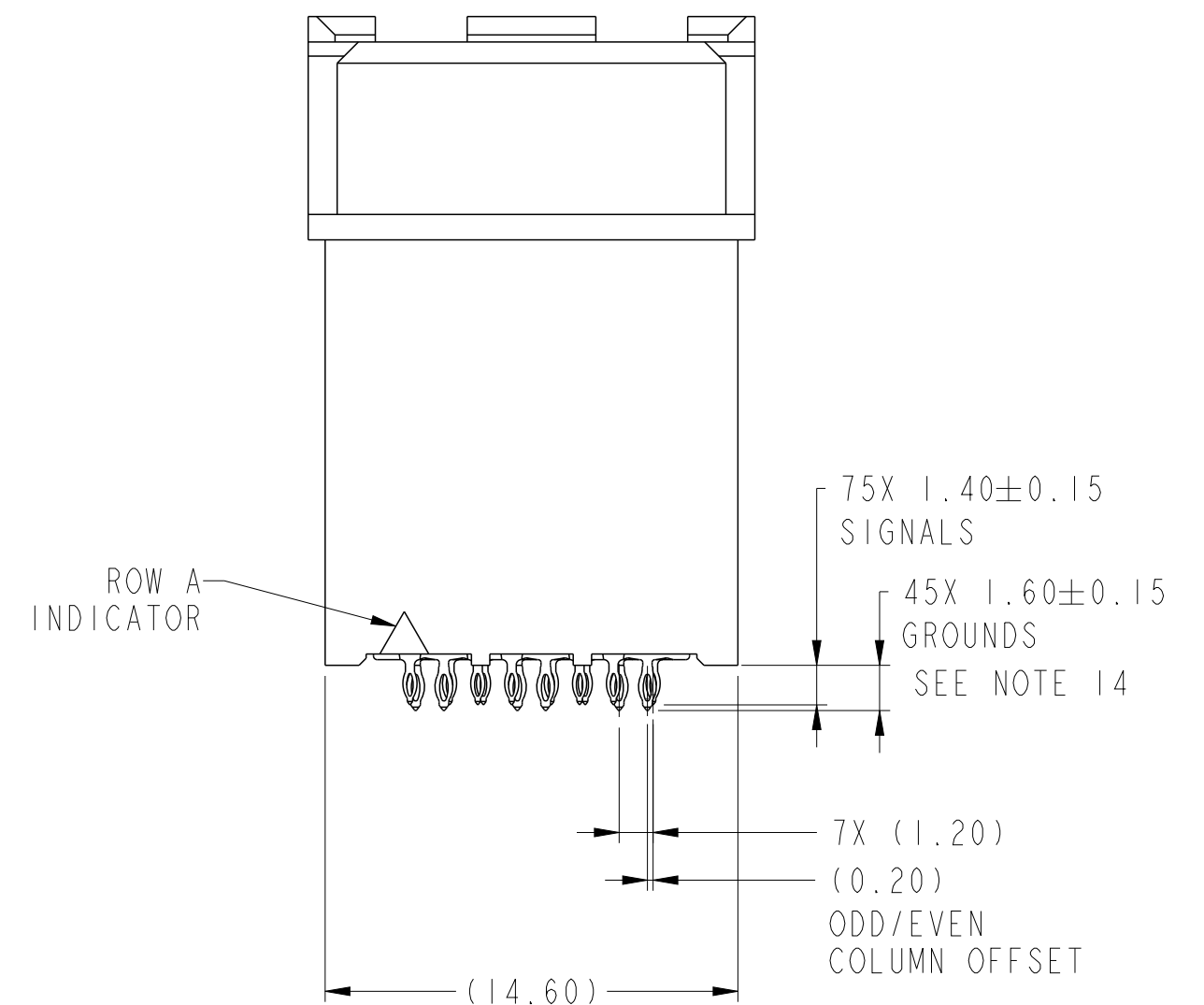
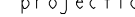





SCALE 2:1



10128481 -119500ULF SHOWN
SCALE 4:1

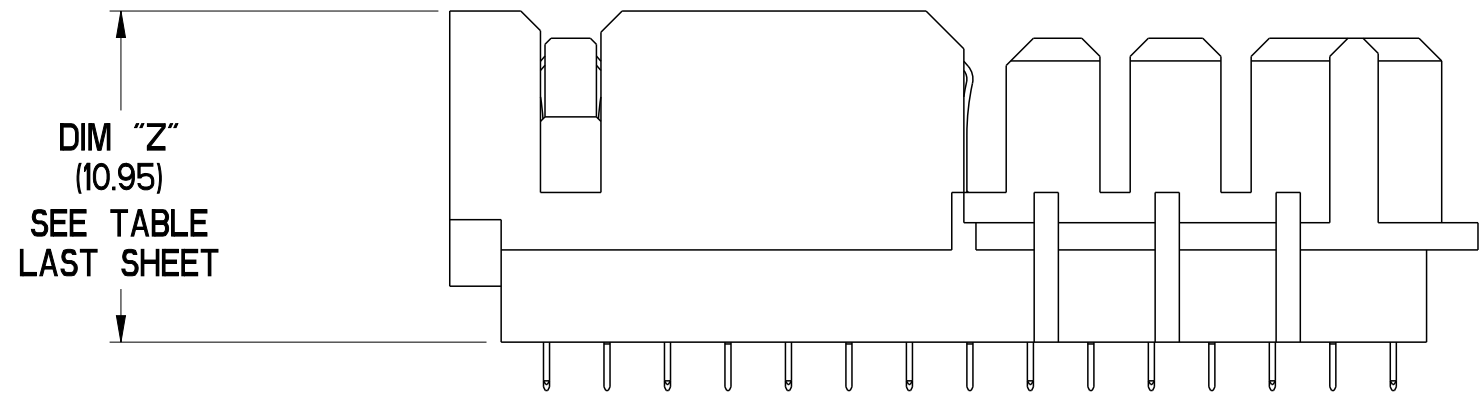


spec ref		SEE NOTES		dr		Mark Lauermann		2014/02/13		projection		mm		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		David Guo		2018/01/30						ecn no		-		rel level		Released	
ISO 406				chr		-		-						product family		ExaMEZZ					
ISO 1101				appr		Heaven Cen		2018/01/30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

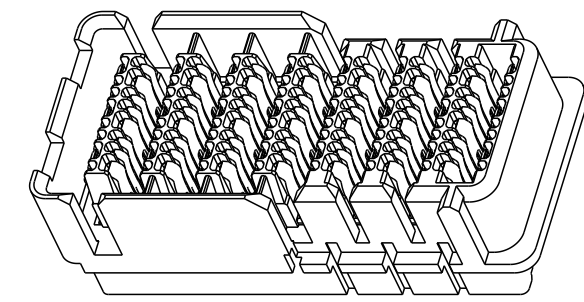
PDS: Rev :A

STATUS:Released

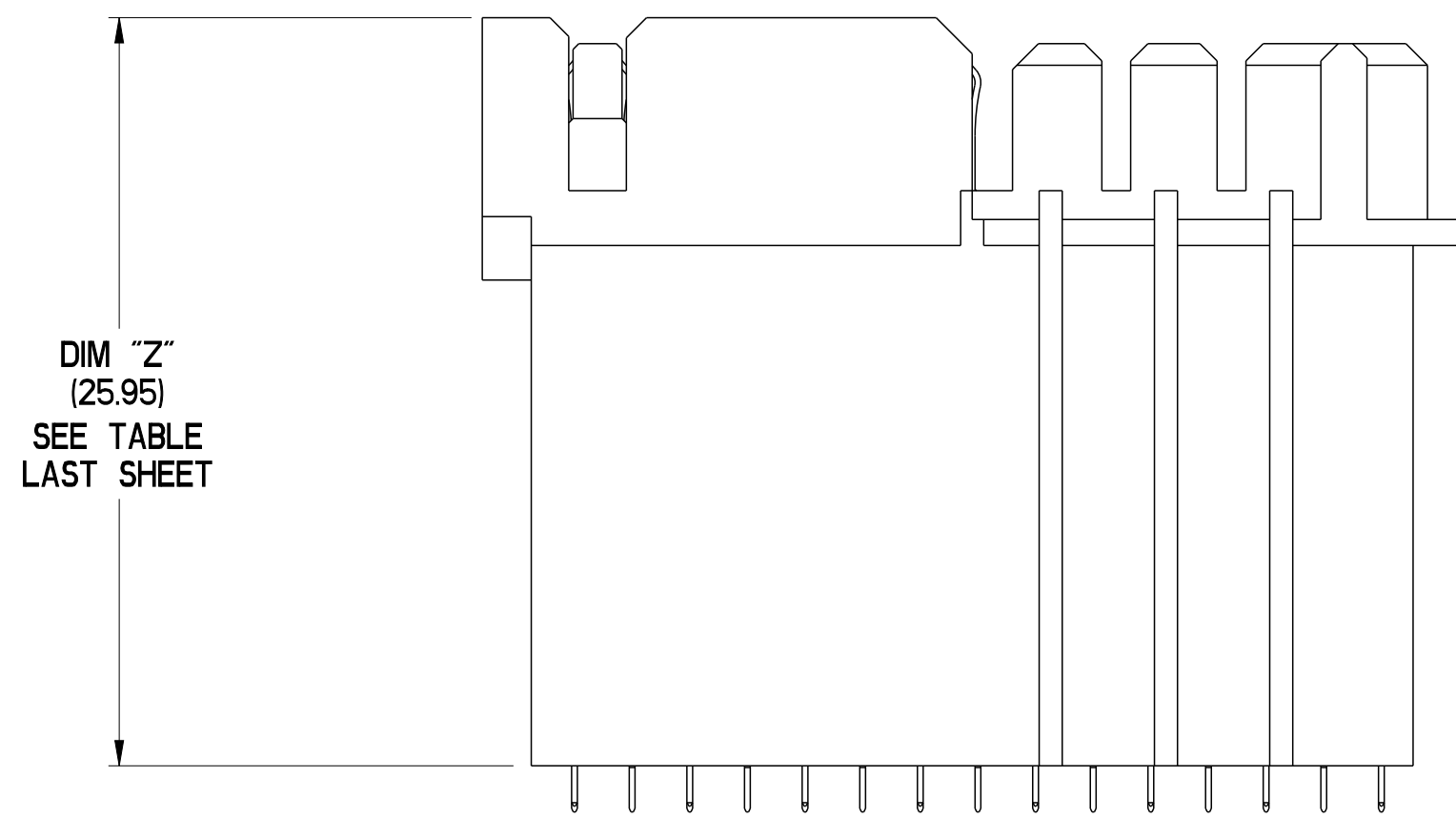
Printed: Jan 30, 2018



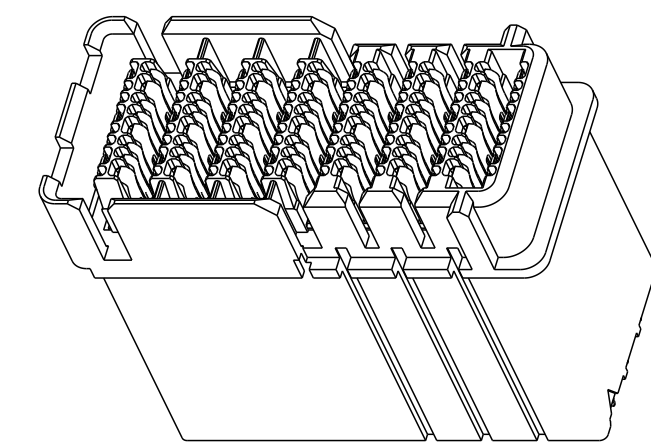
SHORTEST HEIGHT
10128481-107500ULF SHOWN
SCALE 4:1



SCALE 2:1



TALLEST HEIGHT
10128481-122500ULF SHOWN
SCALE 4:1



SCALE 2:1

Amphenol
FCi

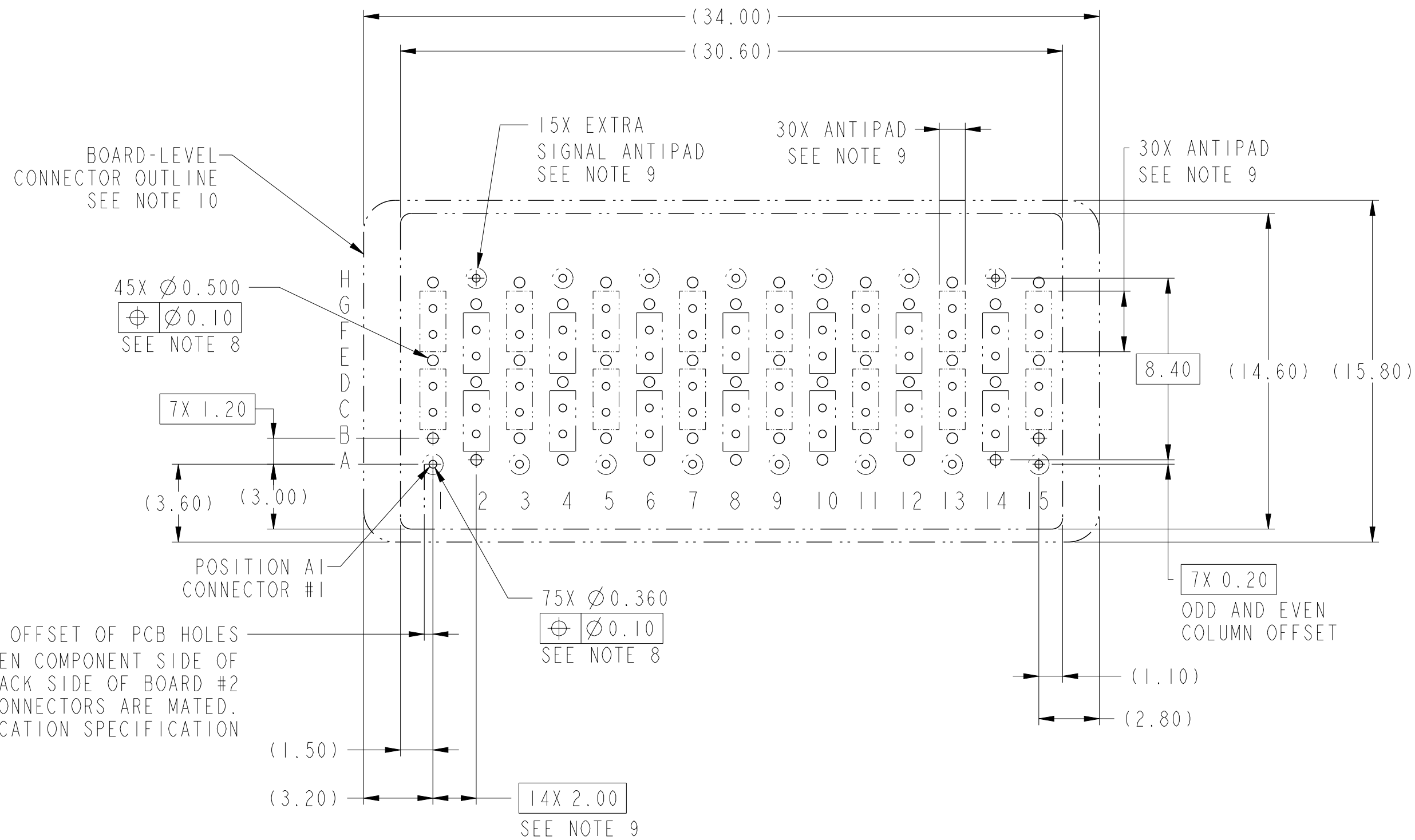
© 2016 AFCi

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

PDS: Rev :A

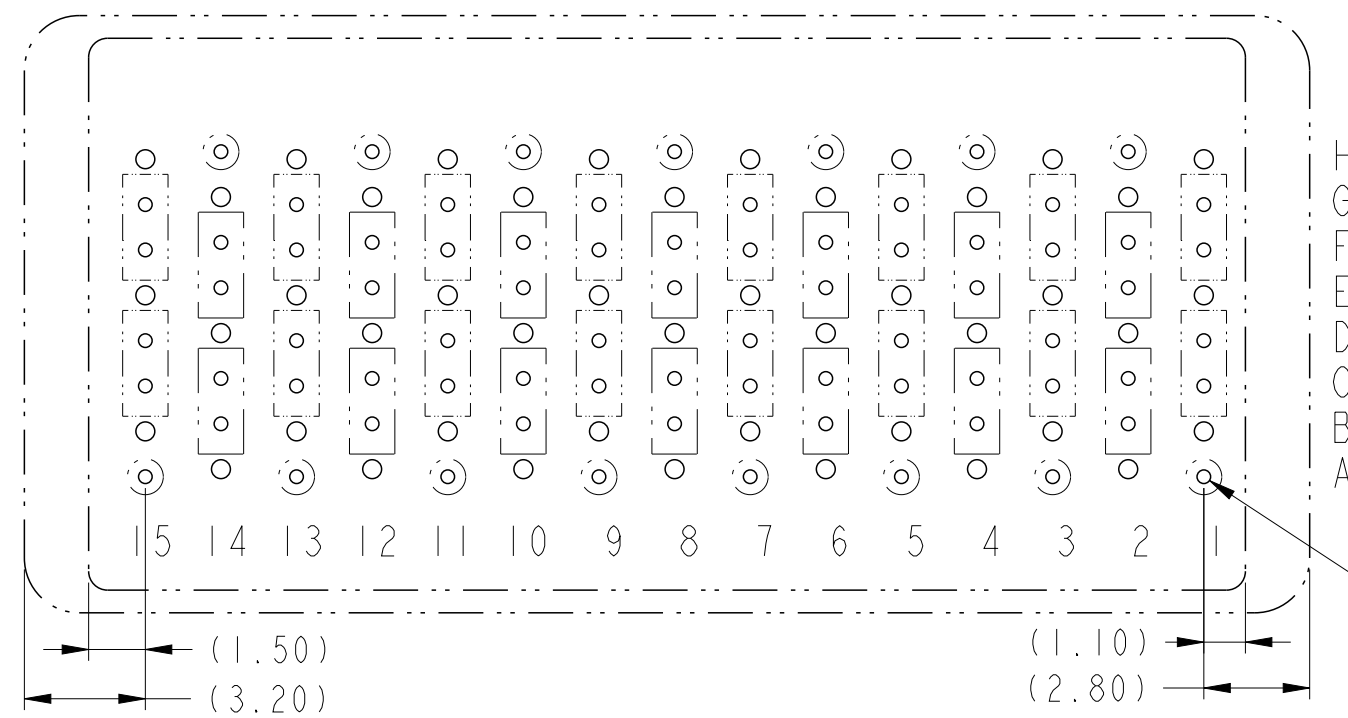
STATUS:Released

Printed: Jan 30, 2018




10128481-XXXXXXULF
RECOMMENDED PCB LAYOUT
SCALE 5:1

BOARD FOOTPRINT
CONNECTOR #1
COMPONENT SIDE



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

spec ref		SEE NOTES		dr		Mark Lauermann		2014/02/13		projection		size		scale					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		David Guo		2018/01/30				A2		2:1					
ISO 406				chr		-		-				ecn no		-					
ISO 1101				appr		Heaven Cen		2018/01/30				product family		-		rel level		Released	
surface		linear		Amphenol FCi		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

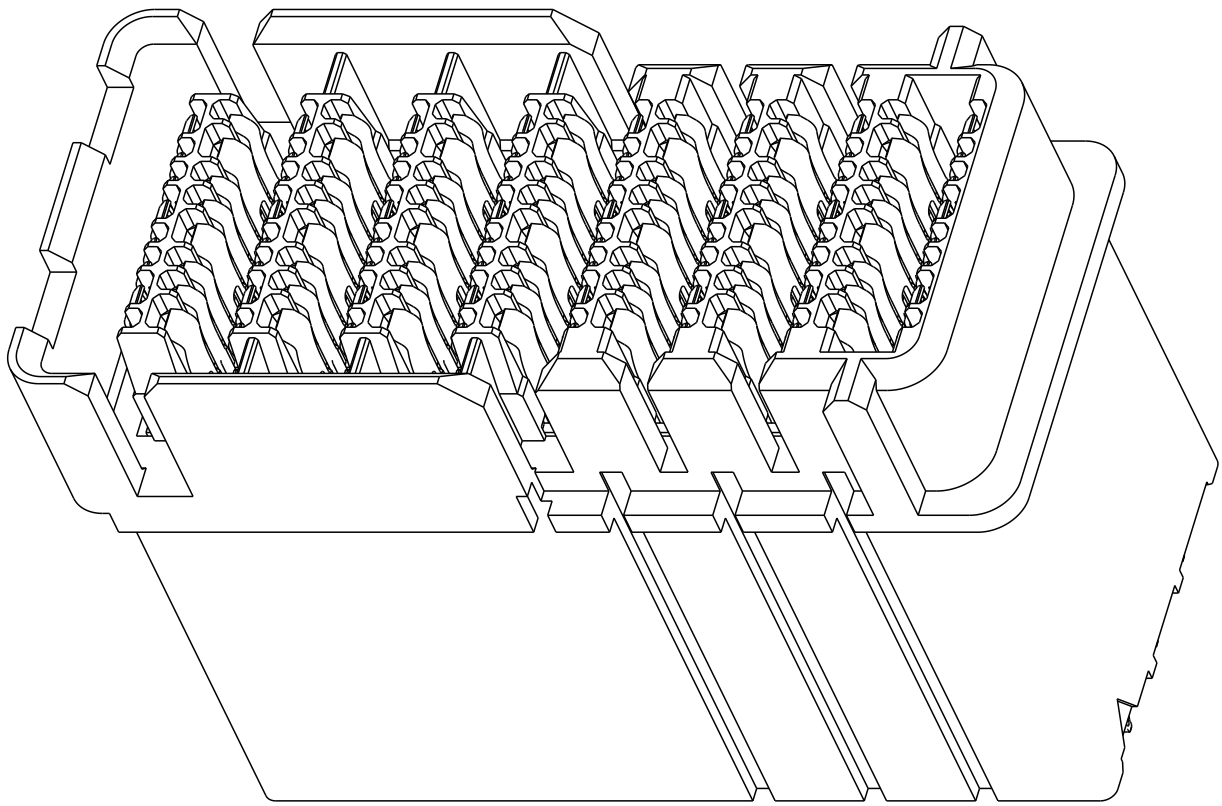
10128481-XXXXXXULF

PLATING
-I = STD PLATING

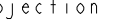


LF=LEAD FREE
U = NO GUIDE PINS

EFFECTIVE CONNECTOR HEIGHT
PER MATING HALF 19.50 = 1950

SHORT DETECT LAYOUT
0 = NO SHORT DETECT
1 = STANDARD LOCATION
(BOTTOM LEFT AND RIGHT SE)



SCALE 4:1

spec ref	SEE NOTES			dr	Mark Lauermann	2014/02/13			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
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										
		angular	0° ±2°										

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10128481-119500ULF](#) [10128481-107500ULF](#)