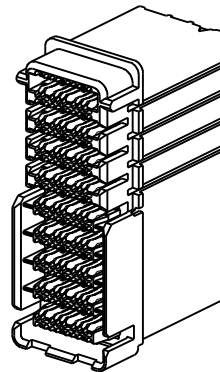
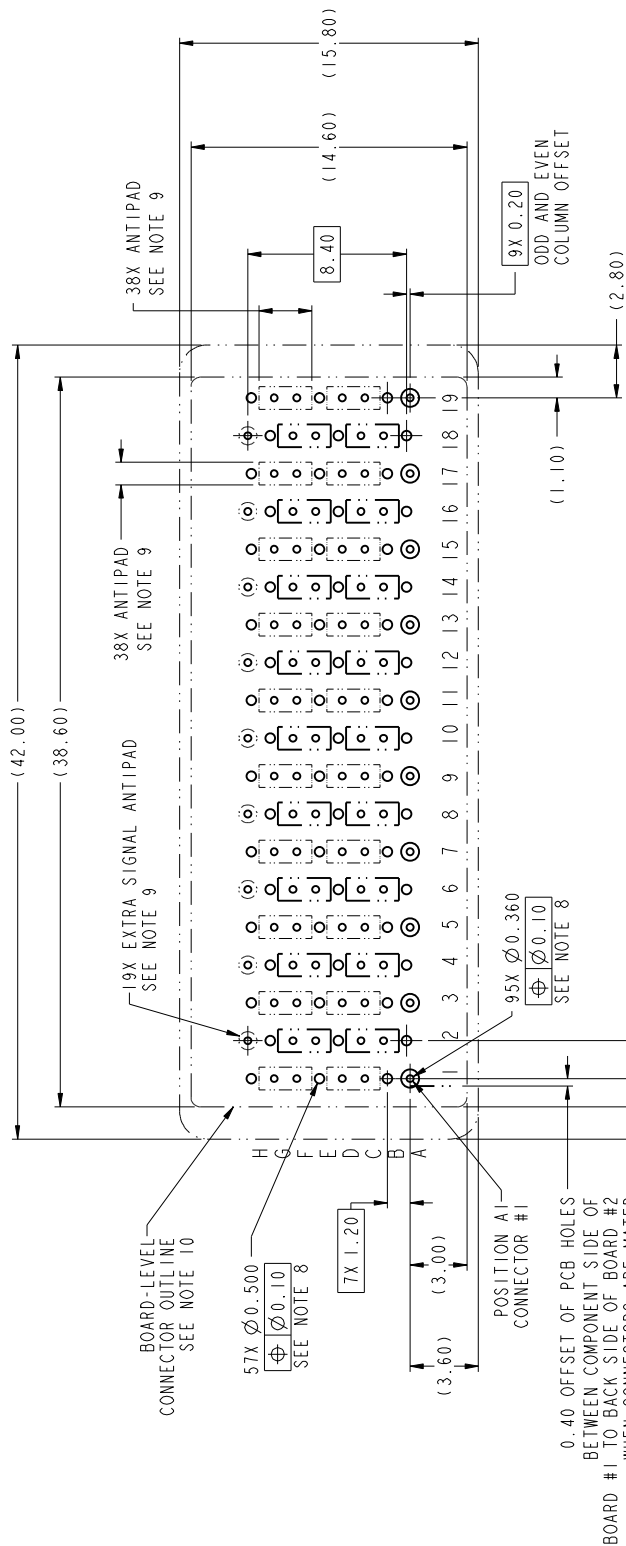


SCALE 2:1

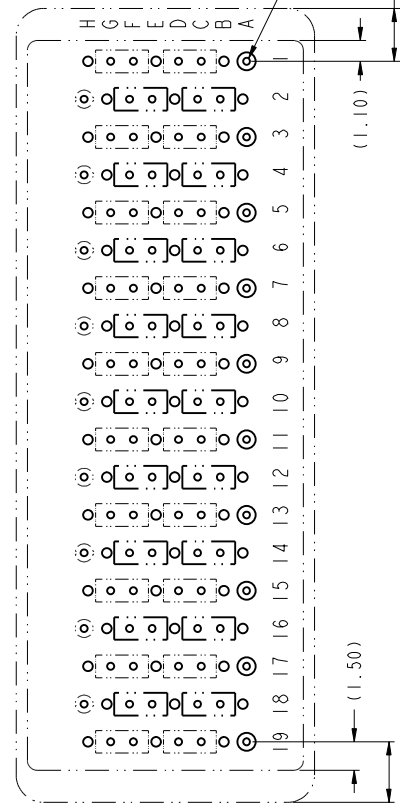


SCALE 2:1

surface ✓	SEE NOTES			dr	M. LAUERMANN	2013-09-10	projection 	size A2	scale 4:1		
	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	M. LAUERMANN	2013-09-10					
	ASME Y14.5M			chr	M. LAUERMANN	2013-09-10					
				appr	M. LAUERMANN	2013-09-10					
0.X ±0.3				product family				ExaMEZZ	rel level	in Work	
°XX ±0.10				FCL				ExaMEZZ CONNECTOR ASSEMBLY			
°XXX ±0.5				tol				0			
angular: ±0°				sup				19			
www.falcon.com				col. no				Product - Customer Drw			
				rev				14			
				sheet 2 of 4							



10127225-XXXXXXULF
RECOMMENDED PCB LAYOUT
SCALE 5:1



spec ref	SEE NOTES	tolerance std	dr	M. LAUFMANN	2013-09-10	projection	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	ASME Y14.5M	eng	M. LAUFMANN	2013-09-10		A2	2:1
surface	linear	0.X ± 0.3 0.XX ± 0.10 0.XXX ± 0.05	app'r	M. LAUFMANN	2013-09-10	product family	mm	
angular	0°	$\pm 2^\circ$				rel level		
FCI Exomezz Connector Assembly								
HERMAPHRODITIC, 2 PAIR, 19, 1MLA, 6MP								
10127225								
Product - Customer Draw								
Sheet 3 of 4								

- 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 - PLEASE REFER TO THE APPLICATION SPECIFICATION FOR
TRACE ROUTING EXAMPLES THAT INCLUDE DIMENSIONS
FOR ANTIPADS, TRACE WIDTHS, TRACE SPACINGS, ETC.
- 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, 12.5, 19.5, OR 22.5) 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.

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 - PLEASE REFER TO THE APPLICATION SPECIFICATION FOR
TRACE ROUTING EXAMPLES THAT INCLUDE DIMENSIONS
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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, 12.5, 19.5, OR 22.5) 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.

10127225-XXXXXXLFL

PLATING

- I = STD PLATING

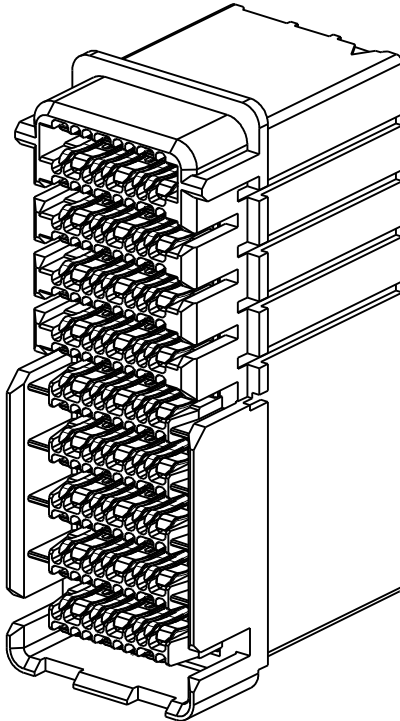
LF=LEAD FREE
U =NO GUIDE PINS

EFFECTIVE CONNECTOR HEIGHT
PER MATING HALF 19.50 ± 1950

SHORT DETECT LAYOUT

0 = NO SHORT DETECT

I = STANDARD LOCATION (BOTTOM LEFT AND RIGHT SE)



spec ref	SEE NOTES	dr	M. LAUERMAN	2013-09-10	projection	size	scale
tolerance std	TOLERANCES UNLESS ASME Y14.5M OTHERWISE SPECIFIED	eng	M. LAUERMAN	2013-09-10		A2	4:1
surface	linear	chr	M. LAUERMAN	2013-09-10		mm	
	angular	appr	M. LAUERMAN	2013-09-10			
	0.X						
	±0.3						
	0.XX						
	±0.10						
	0.XXX						
	±0.05						
	±2°						
FCI Exomezz Connector Assembly							
HERMAPRODITIC, 2 PAIR, 19, IMLA							
www.fcicon.com cat. no.							
Product - Customer Draw							
10127225							
rev 14							
sheet 4 of 4							

