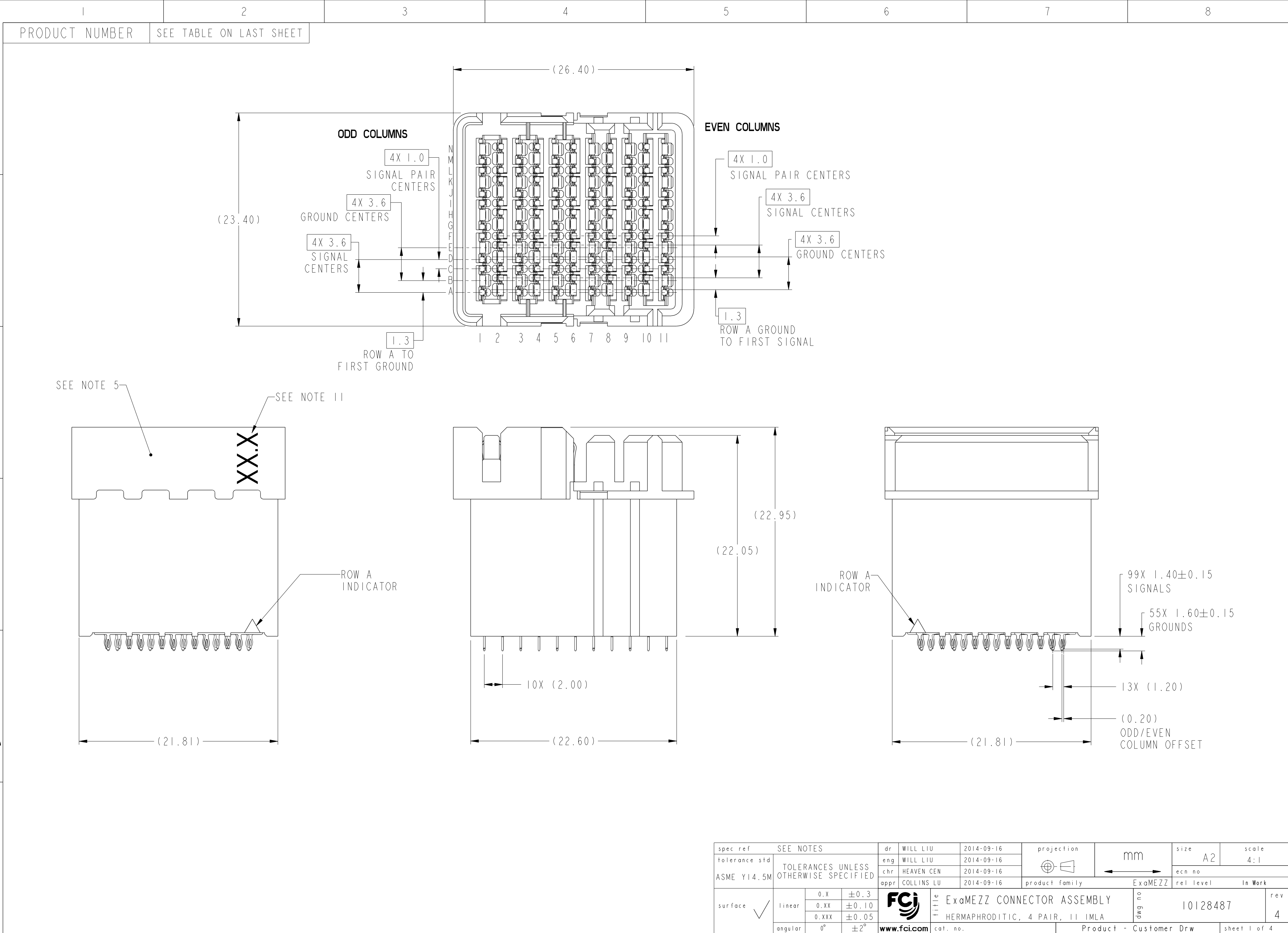




A

B

C

D

E

F

A

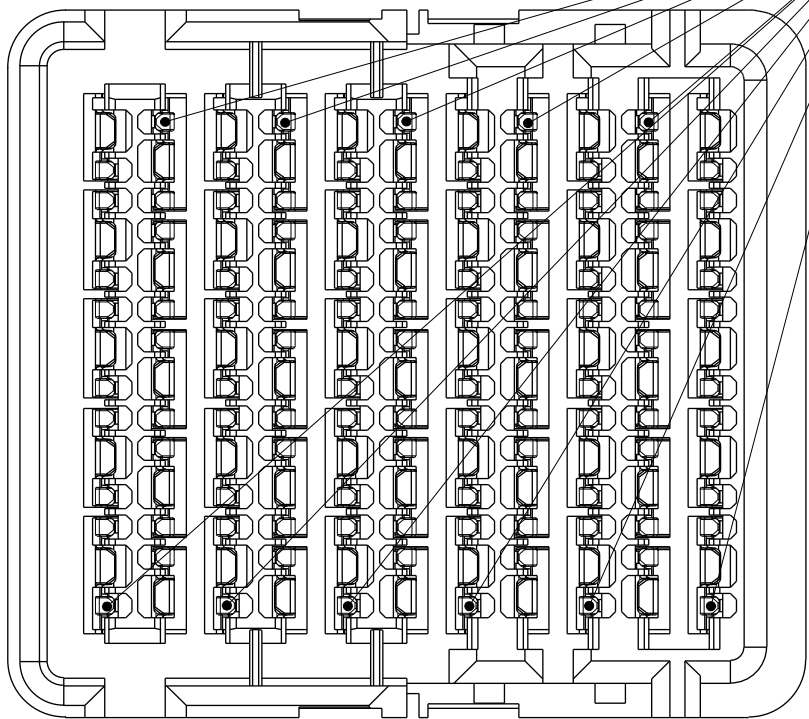
B

C

D

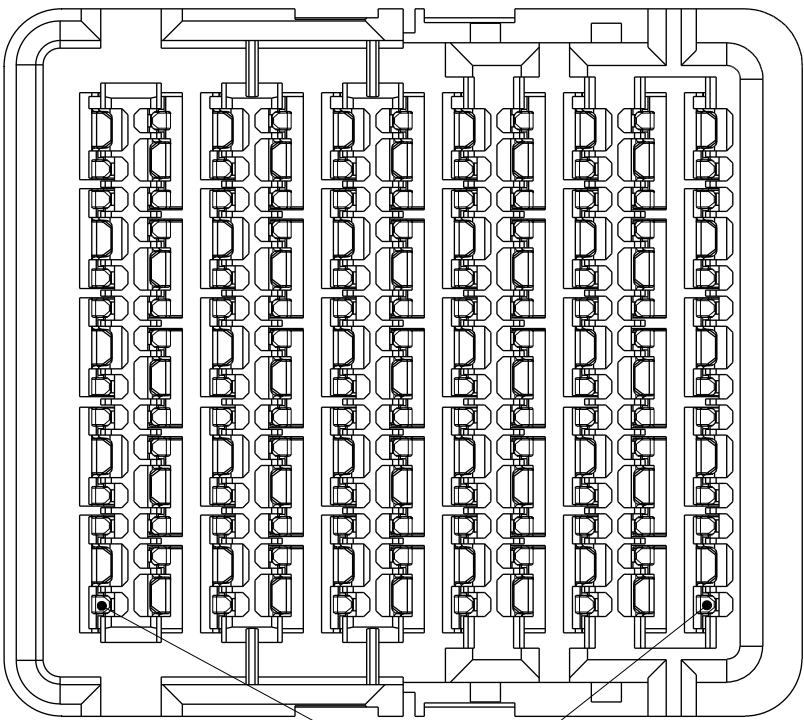
E

F



ADVANCED MATE LOCATION
FOR 10128487-XXXXX4ULF
SEE NOTE 14

ADVANCED MATE LAYOUT
FOR 10128487-XXXXX4ULF

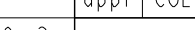


STANDARD SHORT DETECT LOCATION
FOR 10128487-XXXXX1ULF
SEE NOTE 13

STANDARD SHORT DETECT LAYOUT
FOR 10128487-XXXXX1ULF



Copyright FCI.

spec ref		SEE NOTES			dr		WILL LIU		2014-09-16		projection				mm		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		WILL LIU		2014-09-16						ecn no		rel level		In Work					
ISO 406					chr		HEAVEN CEN		2014-09-16															
ISO 1101					appr		COLLINS LU		2014-09-16															
											product family		ExaMEZZ											
surface 		linear		0.X		±0.3				title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128487		rev		4				
				0.XX		±0.10																		
				0.XXX		±0.05																		
				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 2 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
- 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 (EG. 19.5) LASER MARKED ON THIS SURFACE.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C FOR 10-30 SECONDS
IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- 13 - 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.
- 14 - THE ADVANCED MATE CONNECTOR WHEN MATED WITH AN ADVANCED MATE CONNECTOR, WILL PROVIDE
CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS MATE

PRODUCT NUMBER	STACK HEIGHT EACH SIDE	DIM "Z"	ADVANCED MATE	SHORT DETECTS
10128487-119500ULF	19.5 mm	22.95	NO	NO
10128487-119501ULF	19.5 mm	22.95	NO	YES
10128487-119504ULF	19.5 mm	22.95	YES-ALL COLUMNS	NO
10128487-107500ULF	7.5 mm	10.95	NO	NO

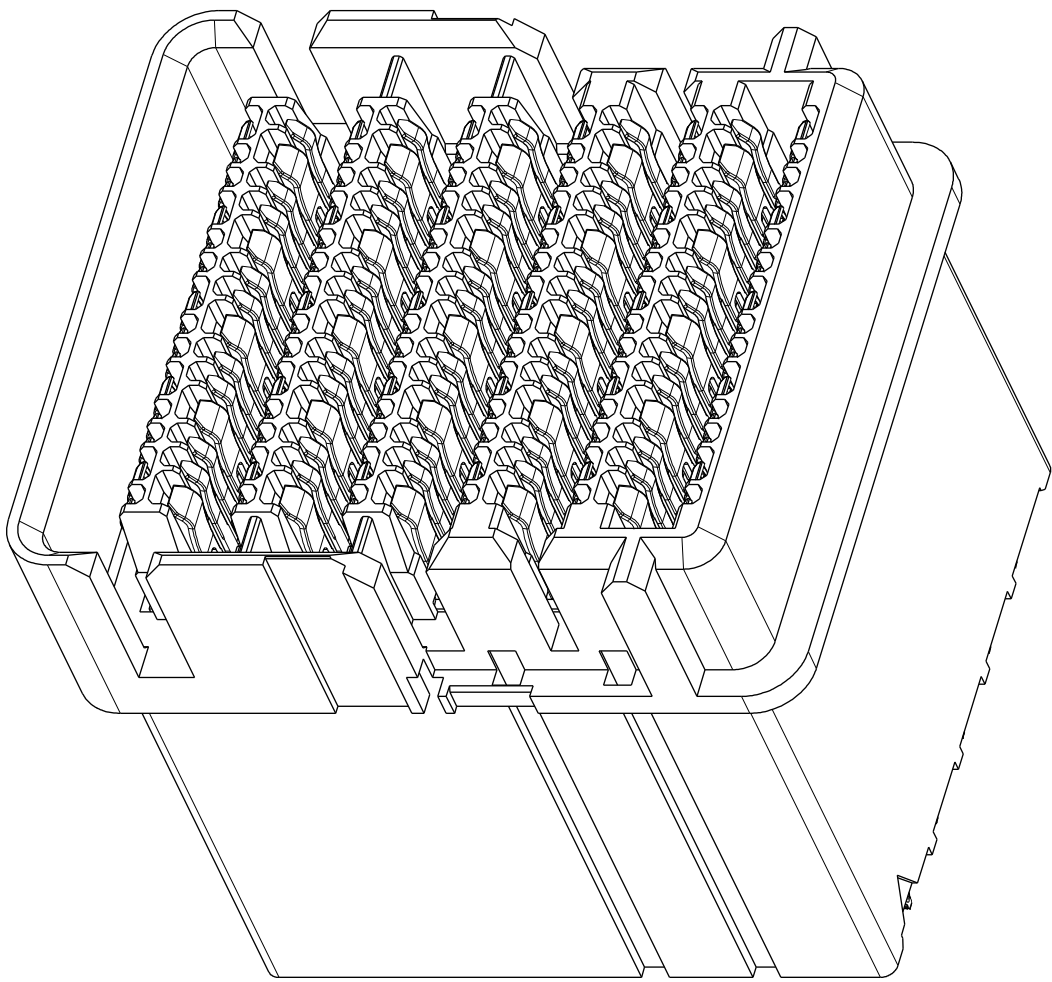
10128487 -XXXXXXXXLF

PLATING -1 = STANDARD PLATING

LEAD FREE

EFFECTIVE CONNECTOR HEIGHT
PER MATING HALF 19.50 = 1950

ADV MATE / SHORT DETECT LAYOUT
0 = NO SHORT DETECT AND NO ADVANCED MATE
1 = SHORT DETECT (STANDARD LOCATION
BOTTOM LEFT AND RIGHT SIDE)
4 = ADVANCED MATE SINGLE END ALL COLUMNS



spec ref		SEE NOTES			dr		WILL LIU		2014-09-16		projection		mm		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		WILL LIU		2014-09-16						ecn no		rel level		In Work			
ASME Y14.5M					chr		HEAVEN CEN		2014-09-16													
					appr		COLLINS LU		2014-09-16													
											product family		ExaMEZZ									
surface		linear		0.X		±0.3				title		ExaMEZZ CONNECTOR ASSEMBLY		dwg no		10128487		rev		4		
				0.XX		±0.10																
				0.XXX		±0.05																
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 4						

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