

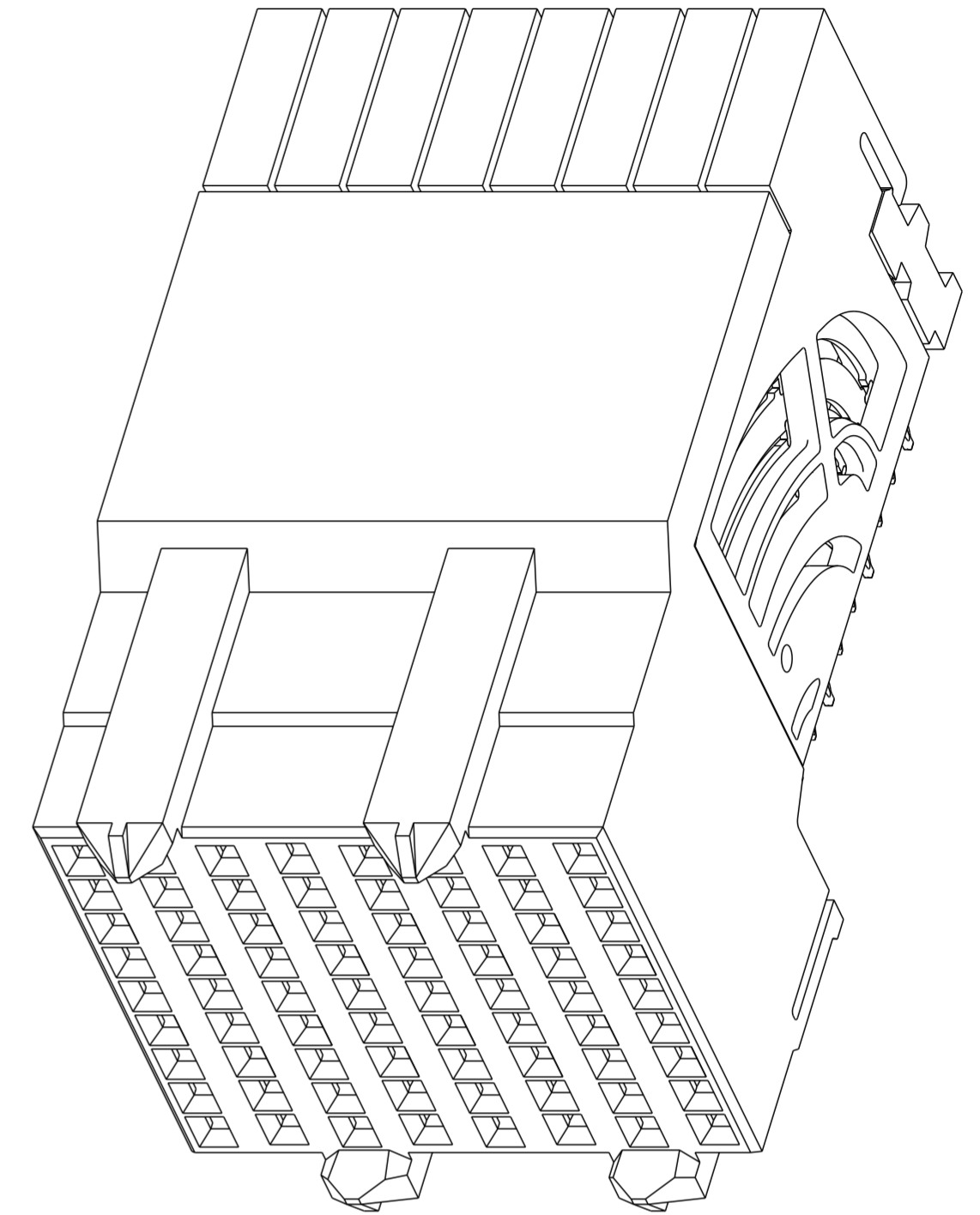
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

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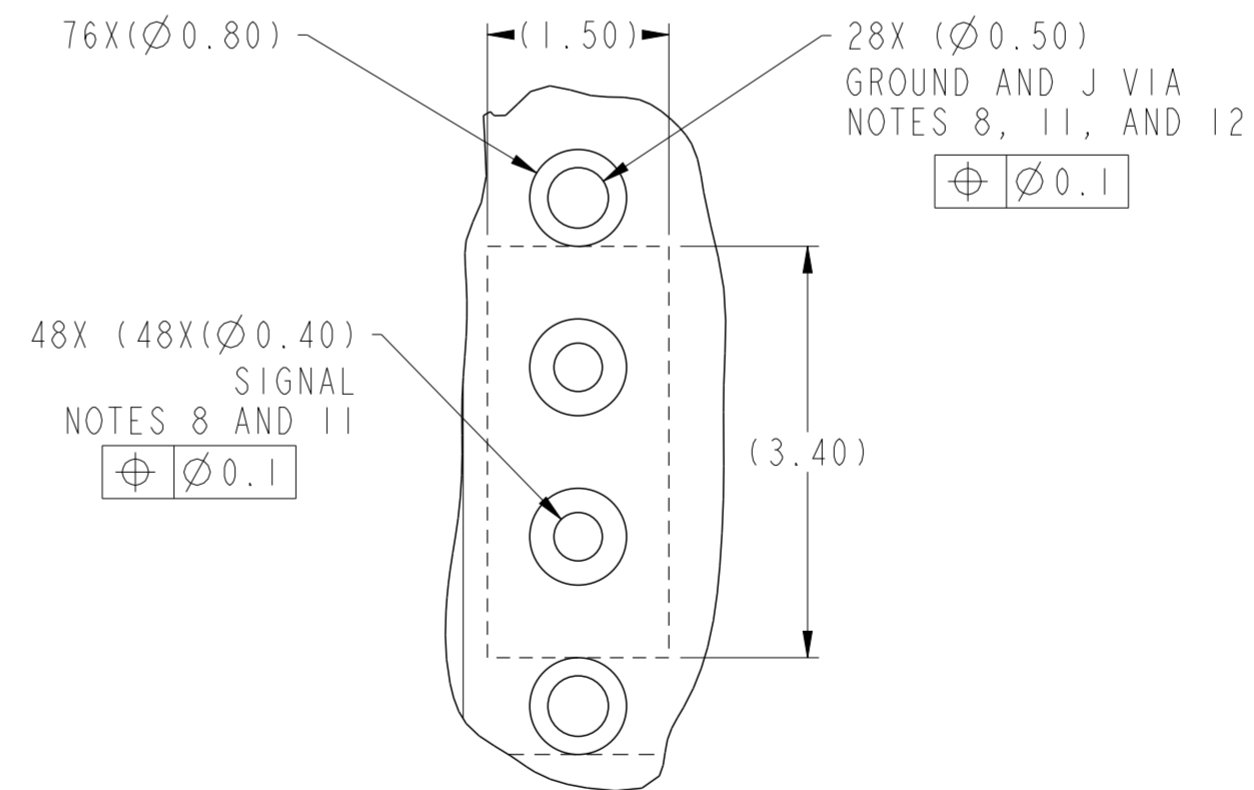
spec ref	---	dr	Lin-Soe Ngwe	2012/10/05	projection	MM	size	A2	scale	1:1	
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/06			ecn no	ELX-DG-20165-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	rel level				Released			
surface	✓	appr	Collins Lu	2015/02/06	product family	AirMax VSE	div no	10122263		rev	B
linear	0.X ±.3	www.fci.com		cat. no.	-		Product - Customer Drw		sheet 2 of 3		
0.XX ±.10											
0.XXX ±.050											
angular	0° ±°										

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10122263-101	TIN/LEAD ALLOY OVER NICKEL
10122263-101LF	TIN OVER NICKEL (LEAD FREE)

- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.
- 5 - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 16.0 MM.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- 8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 11 - GROUND CONTACTS (C,F, AND I IN ODD COLUMNS AND A, D, AND G, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.
- 12 - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10122263-101 OR -101LF



DETAIL B
SCALE 16:1

spec ref	---	dr	Lin-Soe Ngwe	2012/10/05	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/06	chr	-	ecn no	ELX-DG-20165-1	rel level	Released
tolerances unless otherwise specified	TOLERANCES UNLESS OTHERWISE SPECIFIED									
surface	✓	appr	Collins Lu	2015/02/06	product family					
linear	0.X	±.3	FCI AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM www.fci.com							
	0.XX	±.10								
	0.XXX	±.050								
angular	0°	±°	cat. no.	Product - Customer Drw			sheet 3 of 3	rev	B	

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