

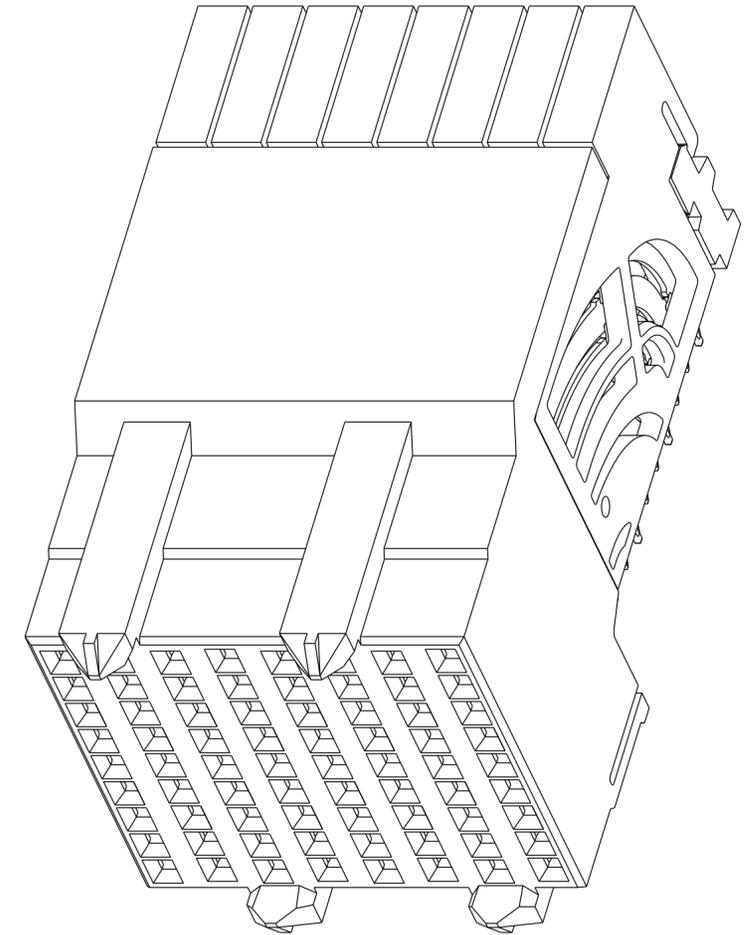
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

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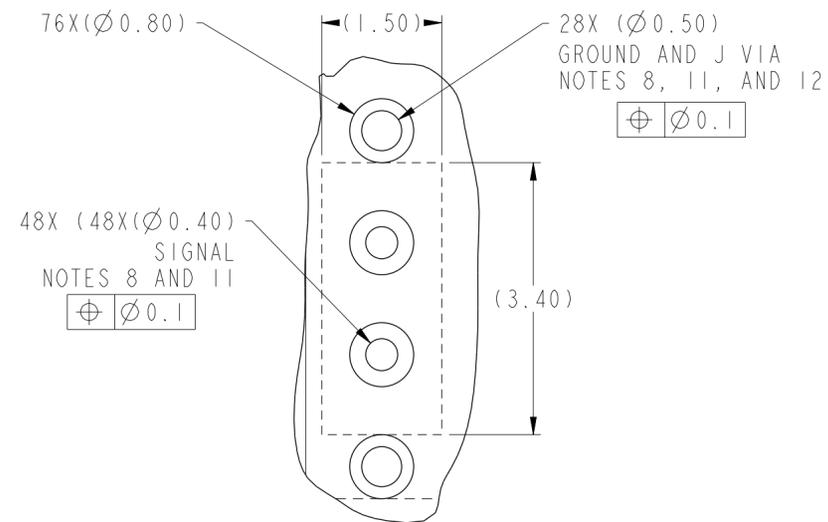
| | | | | | | | | | | | |
|---------------------------------------|-------------|---------|--------------|------------|-------------|--|--------------------|----------------|---------------|------------------------|--------------|
| spec ref | --- | dr | Lin-Soe Ngwe | 2012/10/05 | projection | MM | size | A2 | scale | 1:1 | |
| tolerance std | ASME Y14.5M | eng | Jackie Chen | 2015/02/06 | | MM | ecn no | ELX-DG-20165-1 | rel level | Released | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | appr | | | | | | | Collins Lu |
| surface | ✓ | linear | 0.X | ±.3 | | AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM | dwg no 10122263 | rev B | cat. no. - | Product - Customer Drw | sheet 2 of 3 |
| | | | 0.XX | ±.10 | | | | | | | |
| | | | 0.XXX | ±.050 | | | | | | | |
| | | angular | 0° | ±° | www.fci.com | | | | | | |

| | |
|----------------|-----------------------------|
| 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 | | appr | Collins Lu | 2015/02/06 | product family | | title | | AIRMAX VSE R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM | |
| surface | ✓ | linear | 0.X | ±.3 | www.fci.com | cat. no. | Product - Customer Drw | sheet 3 of 3 | rev | B |
| | | | 0.XX | ±.10 | | | | | | |
| | | | 0.XXX | ±.050 | | | | | | |
| angular | 0° | ±° | www.fci.com | | cat. no. | | Product - Customer Drw | | sheet 3 of 3 | |

PDS: Rev :B

STATUS:Released

Printed: Feb 09, 2015



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