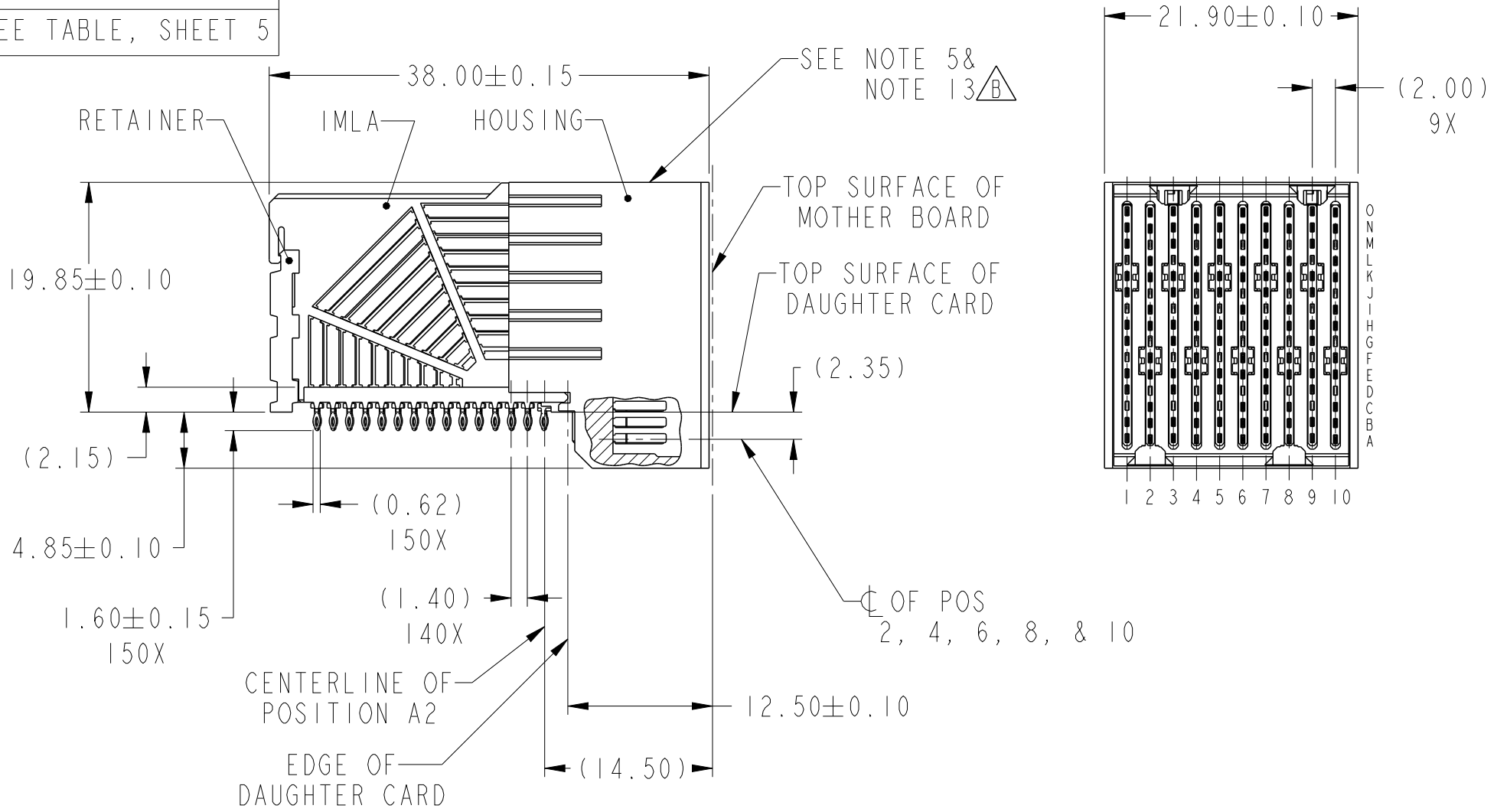
PRODUCT NUMBER

SEE TABLE, SHEET 5




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | | | | dr | Yong-Keat Lim | 2009/09/17 | projection |
| tolerance std ASME Y14.5 - | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | N Anandakumar | 2012/12/17 | MM |
| | | | | chr | - | - | size A4 / scale 2:1 |
| | | | | appr | Chen-Hong Tan | 2012/12/17 | ecn no ELX-S-13684-1 |
| surface 3.2 | linear | 0.X | ± | | | | product family AirMax VS / rel level Released |
| | | 0.XX | ± | | | | |
| | | 0.XXX | ± | | | | |
| ASME Y14.5 | angular | 0° | ±° | | | | |

FCI www.fci.com

title: AirMax VS R/A HEADER ASSY
PRESS FIT, 150 POS, 22MM, LUBED

dwg no 10107082

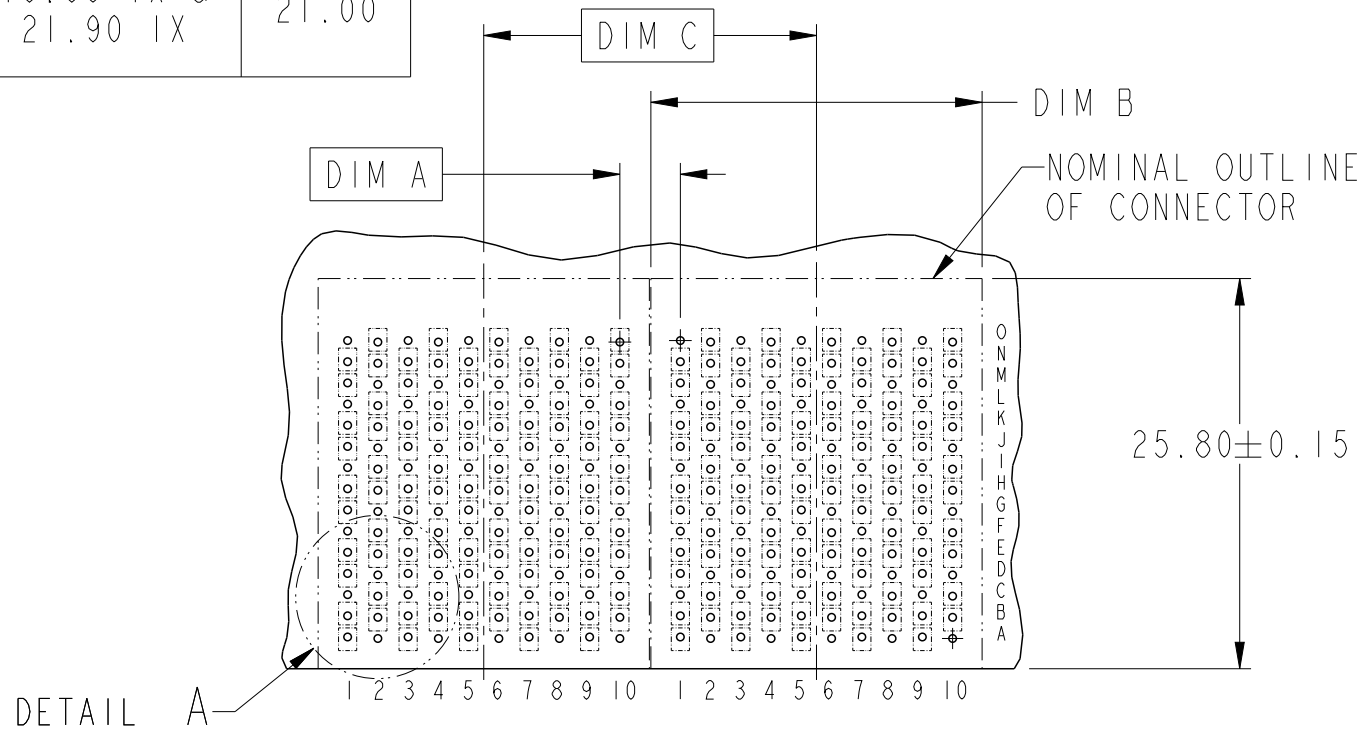
rev B

cat. no. - | Product - Customer Drw | sheet 1 of 5

Copyright FCI.

Pro/E File - REV C - 2009-06-09

| DESCRIPTION | DIM A | DIM B | DIM C |
|---|---|---|---|
| 2-22MM MODULES PLACED END-TO-END | 4.00 | 21.90 2X | 22.00 |
| 1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END | 3.00 | 19.90 1X & 21.90 1X | 21.00 |



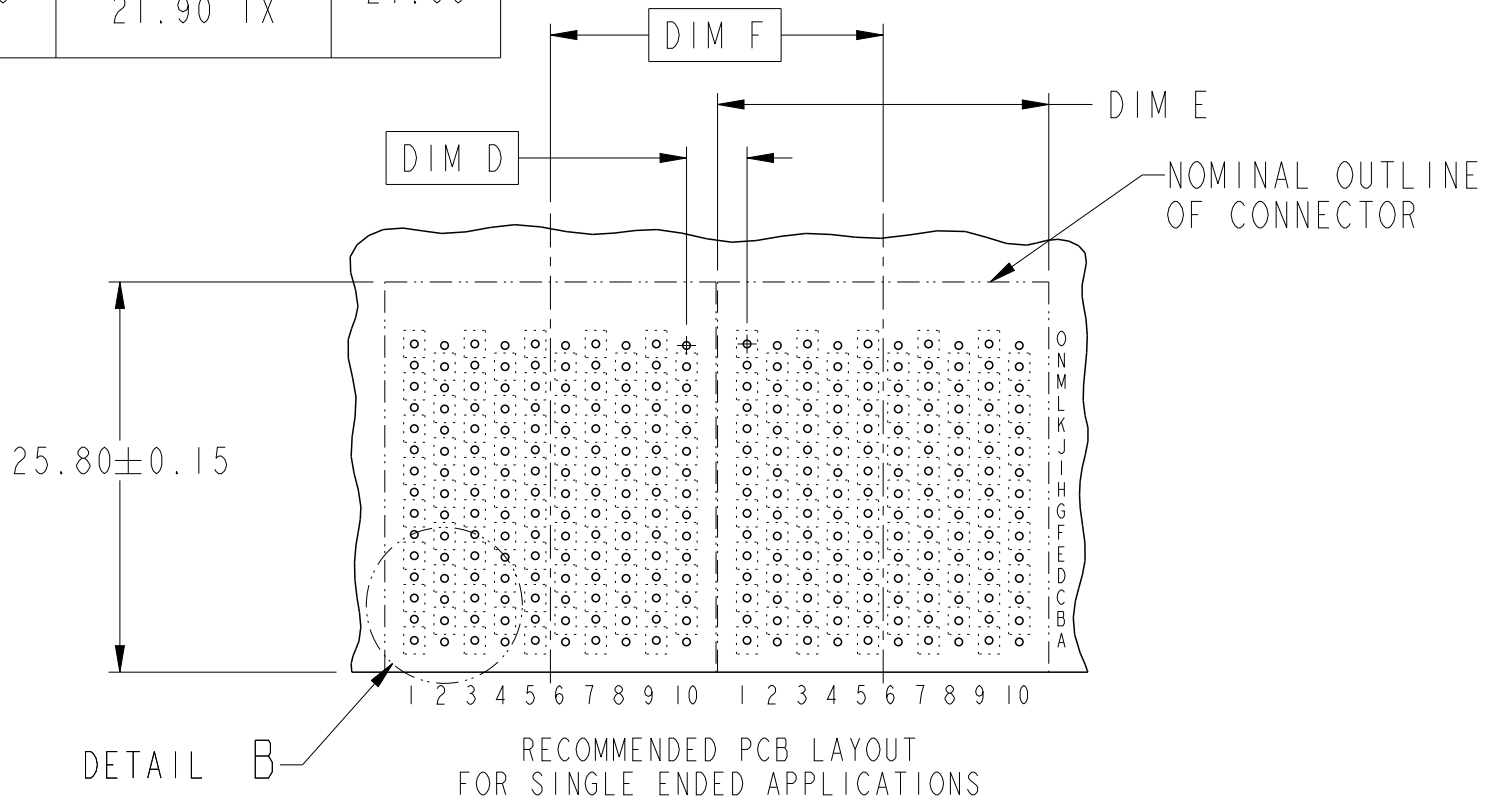

RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

Copyright FCI.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | | | | dr | Yong-Keat Lim | 2009/09/17 | projection: MM |
| tolerance std ASME Y14.5 - | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | N Anandakumar | 2012/12/17 | size A4 / scale 2:1 |
| | | | | chr | - | - | ecn no ELX-S-13684-1 |
| | | | | appr | Chen-Hong Tan | 2012/12/17 | product family / rel level Released |
| surface ✓ | linear | 0.X | ± | FCI | title: AirMax VS R/A HEADER ASSY | | dwg no 10107082 / rev B |
| | | 0.XX | ± | | PRESS FIT, 150 POS, 22MM, LUBED | | |
| | | 0.XXX | ± | | | | |
| ASME Y14.5 | angular | 0° | ±° | www.fci.com | cat. no. | Product - Customer Drw | sheet 2 of 5 |

Pro/E File - REV C - 2009-06-09

| DESCRIPTION | DIM D | DIM E | DIM F |
|---|---|---|---|
| 2-22MM MODULES PLACED END-TO-END | 4.00 | 21.90 2X | 22.00 |
| 1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END | 3.00 | 19.90 1X & 21.90 1X | 21.00 |




RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | | | | dr | Yong-Keat Lim | 2009/09/17 | projection |
| tolerance std ASME Y14.5 - | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | N Anandakumar | 2012/12/17 | MM |
| | | | | chr | - | - | size A4 / scale 2:1 |
| | | | | appr | Chen-Hong Tan | 2012/12/17 | ecn no ELX-S-13684-1 |
| surface ✓ | linear | 0.X | ± | product family | | | rel level Released |
| | | 0.XX | ± | | | | |
| | | 0.XXX | ± | | | | |
| ASME Y14.5 | angular | 0° | ±° | | | | |

www.fci.com

title: AirMax VS R/A HEADER ASSY
PRESS FIT, 150 POS, 22MM, LUBED

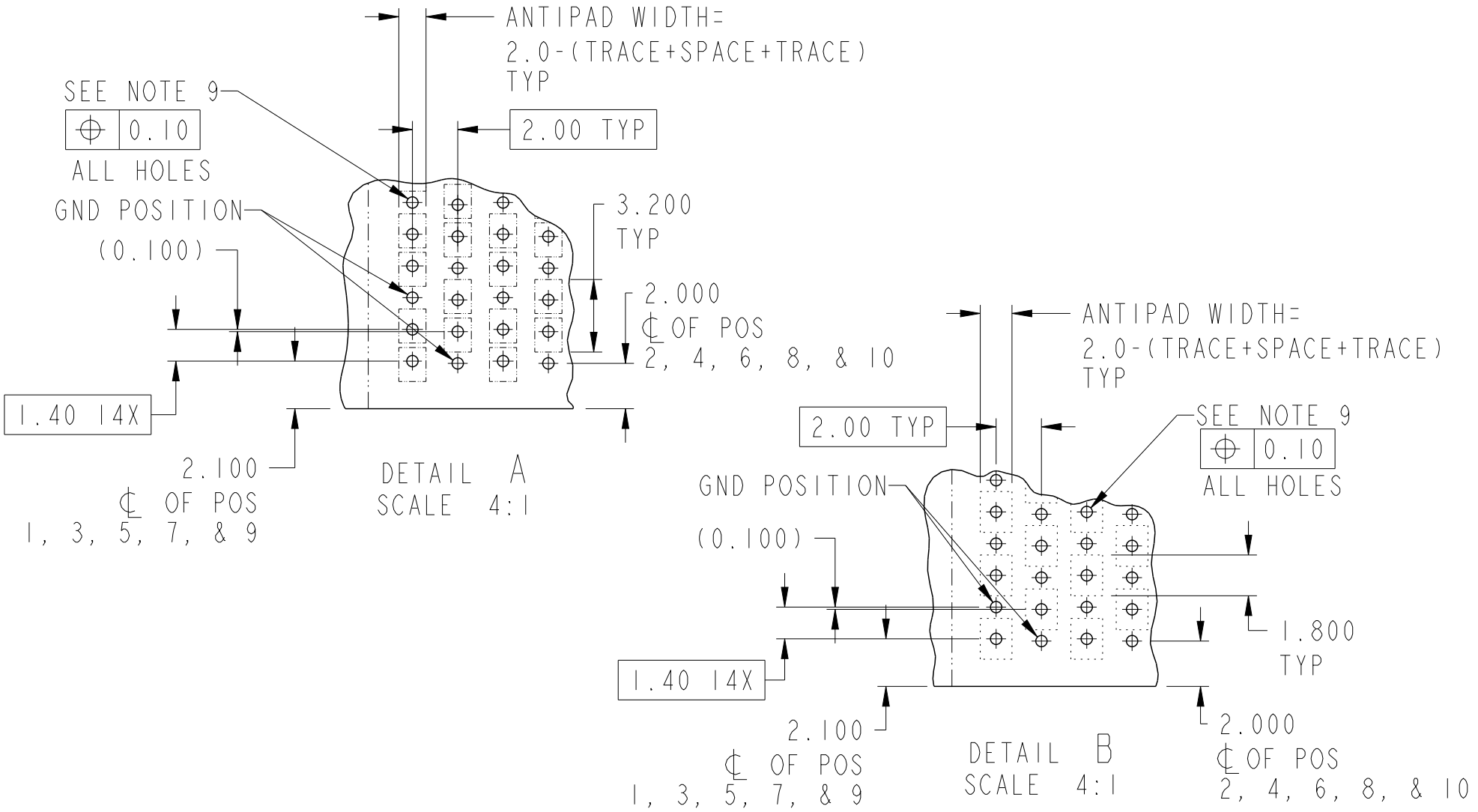
dwg no: 10107082

rev: B

cat. no. | Product - Customer Drw | sheet 3 of 5

Copyright FCI.

Pro/E File - REV C - 2009-06-09




Copyright FCI.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | | | | dr | Yong-Keat Lim | 2009/09/17 | projection |
| tolerance std ASME Y14.5 - | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | N Anandakumar | 2012/12/17 | MM |
| | | | | chr | - | - | |
| | | | | appr | Chen-Hong Tan | 2012/12/17 | product family |
| surface | linear | 0.X | ± | www.fci.com | title: AirMax VS R/A HEADER ASSY<br>PRESS FIT, 150 POS, 22MM, LUBED | | dwg no: 10107082 |
| | | 0.XX | ± | | | | |
| | | 0.XXX | ± | | | | |
| ASME Y14.5 | angular | 0° | ±° | | cat. no. | Product - Customer Drw | sheet 4 of 5 |

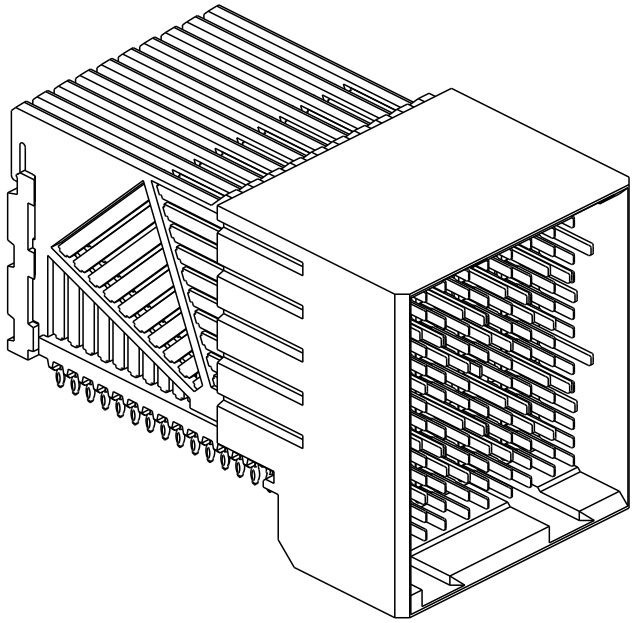
| size | scale | rev |
|---|---|---|
| A4 | 2:1 | B |

ecn no: ELX-S-13684-1

rel level: Released

Pro/E File - REV C - 2009-06-09

| PART NUMBER | PRESS-FIT TAIL PLATING TYPE |
|---|---|
| 10107082-101LF | TIN OVER NICKEL (LEAD FREE) |



NOTES:

1. CONNECTOR MATERIALS:
   HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
   IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
   CONTACT: COPPER ALLOY

2. CONTACT PLATING:
   SEPARABLE INTERFACE:
   PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
   FOMBLIN LUBRICANT IS APPLIED ON HEADER PINS

3. PRODUCT SPECIFICATION: GS-12-239

4. APPLICATION SPECIFICATION: GS-20-035

5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE

6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES

7. POSITIONS F AND L OF ODD NUMBERED COLUMNS AND POSITIONS G AND M OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS

8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM

9. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.

10. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

B 13. FOR IDENTIFICATION TWO STRIPS "11" TO BE LASER MARKED BEFORE FCI PART NUMBER.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spec ref | | | | dr | Yong-Keat Lim | 2009/09/17 | projection |
| tolerance std ASME Y14.5 - | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | N Anandakumar | 2012/12/17 | MM |
| | | | | chr | - | - | size A4 / scale 2:1 |
| | | | | appr | Chen-Hong Tan | 2012/12/17 | ecn no ELX-S-13684-1 |
| surface 3.2 | linear | 0.X | ± | | | | product family AirMax VS / rel level Released |
| | | 0.XX | ± | | | | |
| | | 0.XXX | ± | | | | |
| ASME Y14.5 | angular | 0° | ±° | | | | |

FCI www.fci.com

title: AirMax VS R/A HEADER ASSY
PRESS FIT, 150 POS, 22MM, LUBED

dwg no 10107082 rev B

cat. no. - Product - Customer Drw sheet 5 of 5

Copyright FCI.

Pro/E File - REV C - 2009-06-09