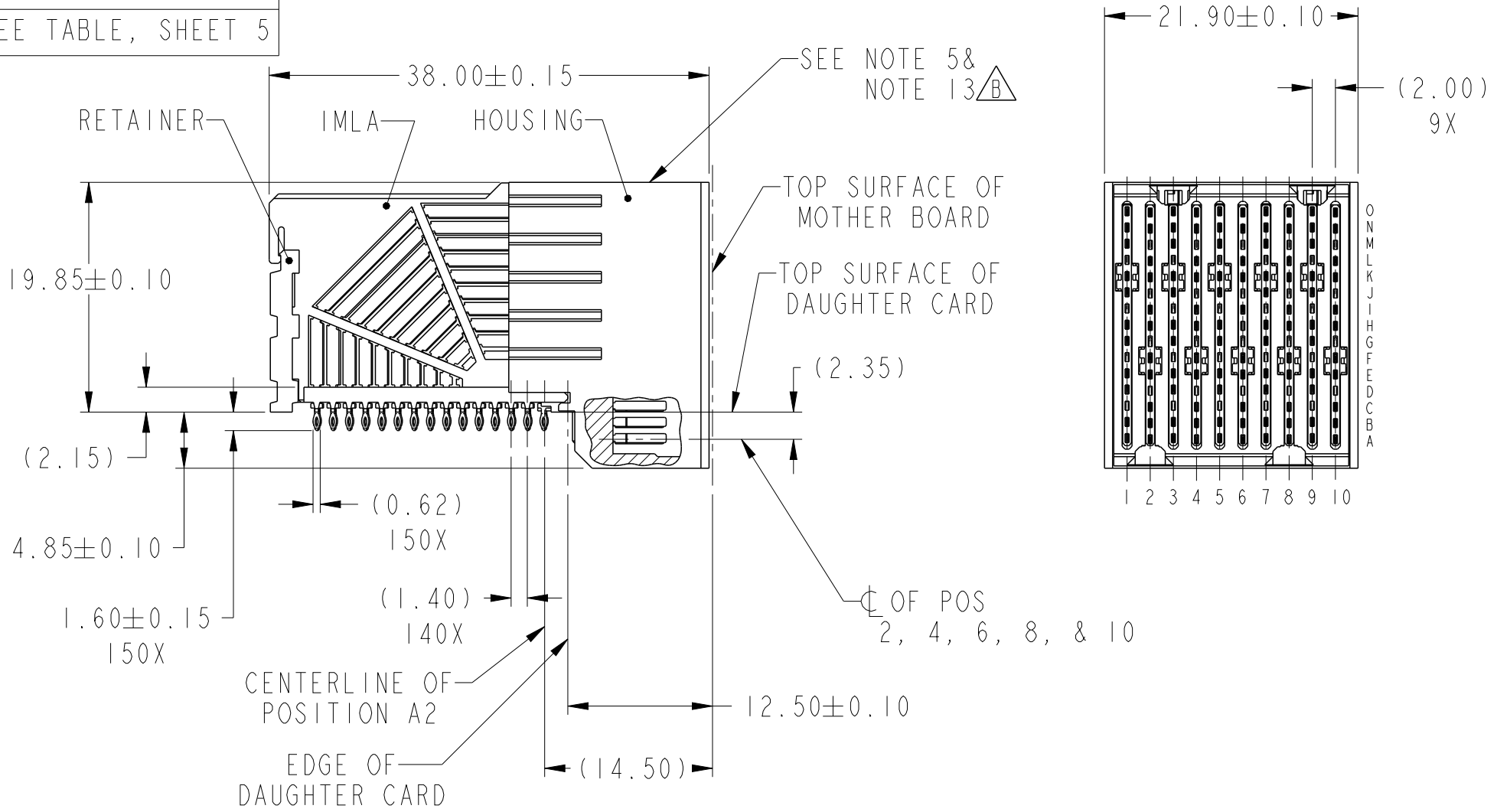
PRODUCT NUMBER
SEE TABLE, SHEET 5

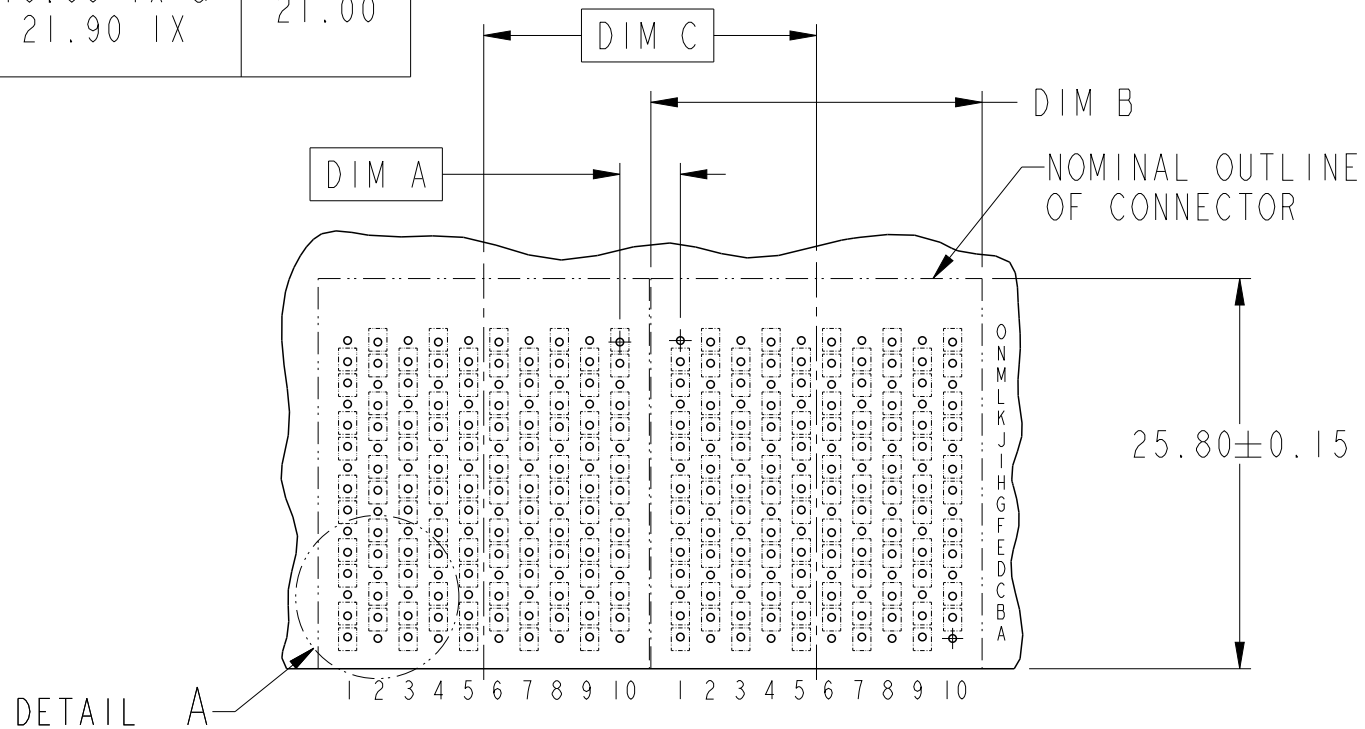


spec ref				dr	Yong-Keat Lim	2009/09/17	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	N Anandakumar	2012/12/17		
				chr	-	-		
				appr	Chen-Hong Tan	2012/12/17	product family	AirMax VS
surface 3.2	linear	0.X	±	FCI	title	AirMax VS R/A HEADER ASSY	dwg no	10107082
		0.XX	±			PRESS FIT, 150 POS, 22MM, LUBED		
		0.XXX	±					
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 5

size	scale
A4	2:1
ecn no	ELX-S-13684-1
rel level	Released
rev	B

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

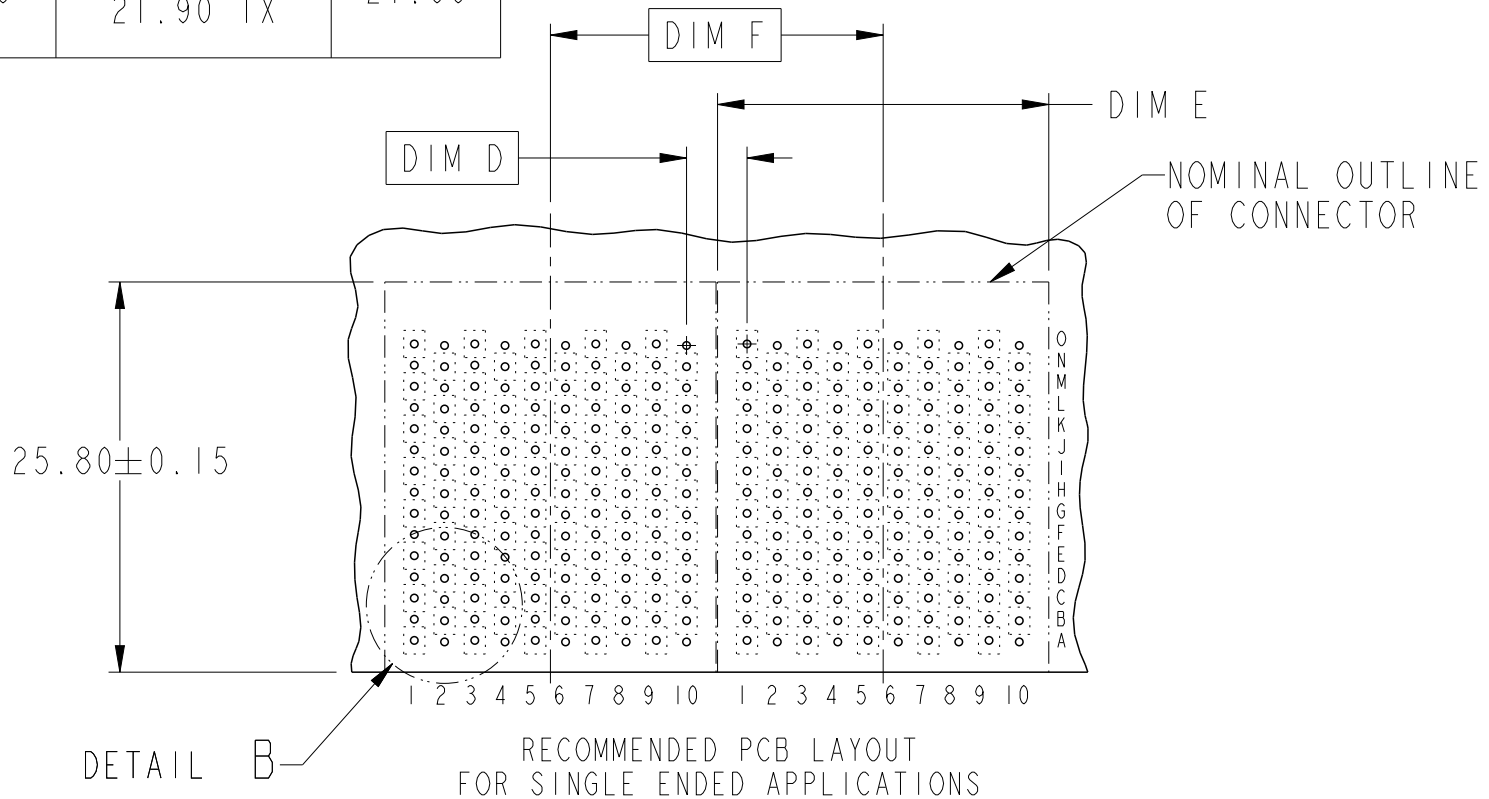


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

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°	±°				

FCI www.fci.com

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

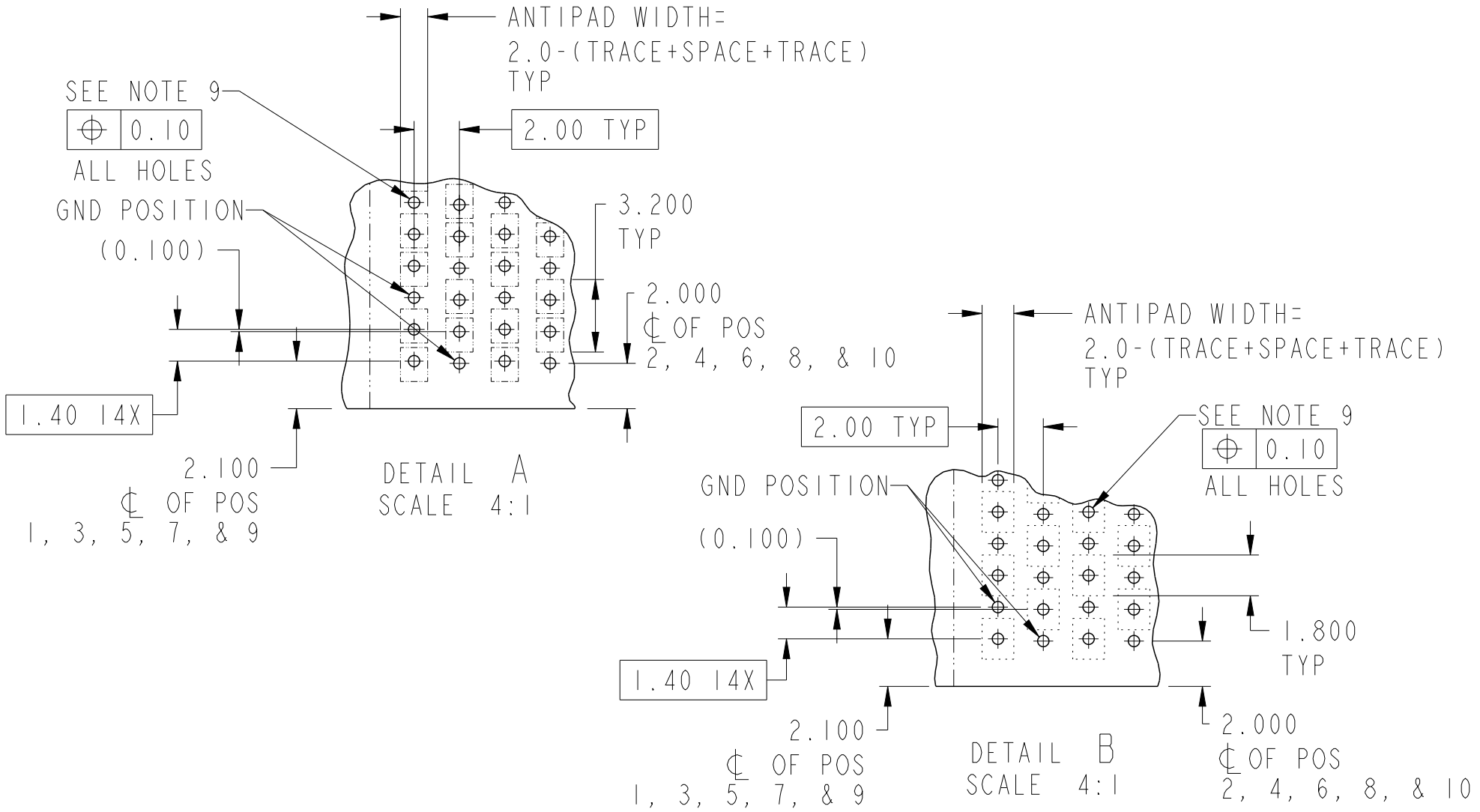
dwg no: 10107082

rev: B

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

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

PDS: Rev :B STATUS:Released Printed: Dec 17, 2012



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°	±°				

FCI www.fci.com

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

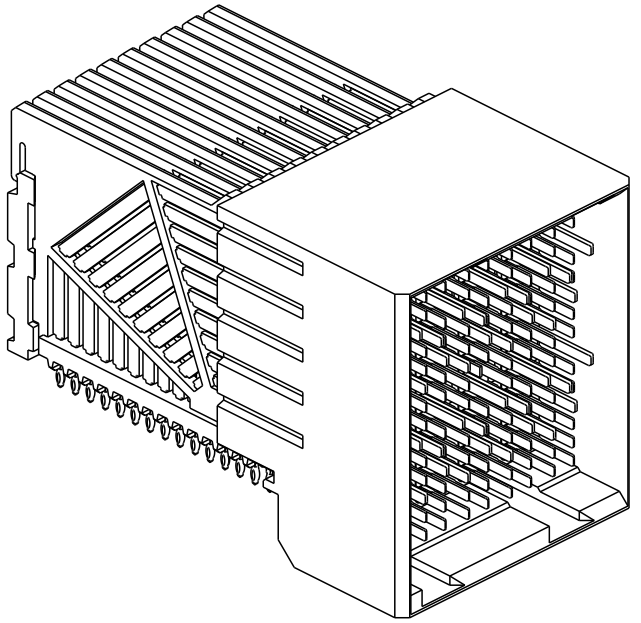
dwg no: 10107082

rev: B

cat. no. | Product - Customer Drw | sheet 4 of 5

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

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