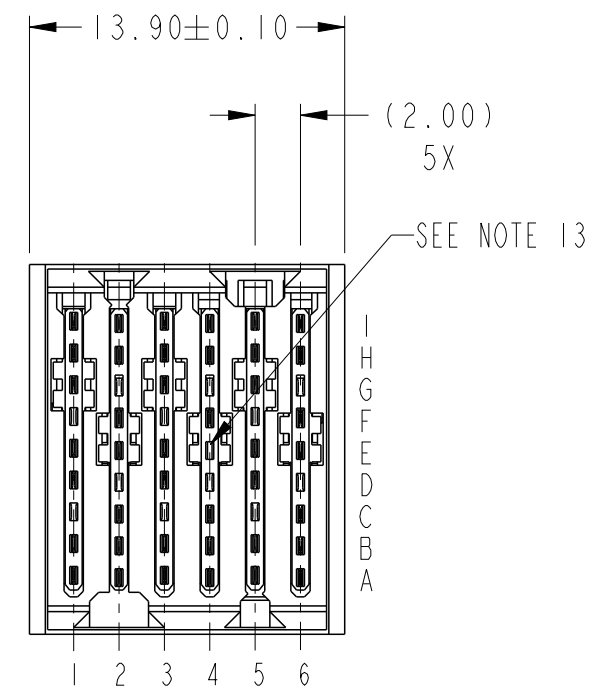
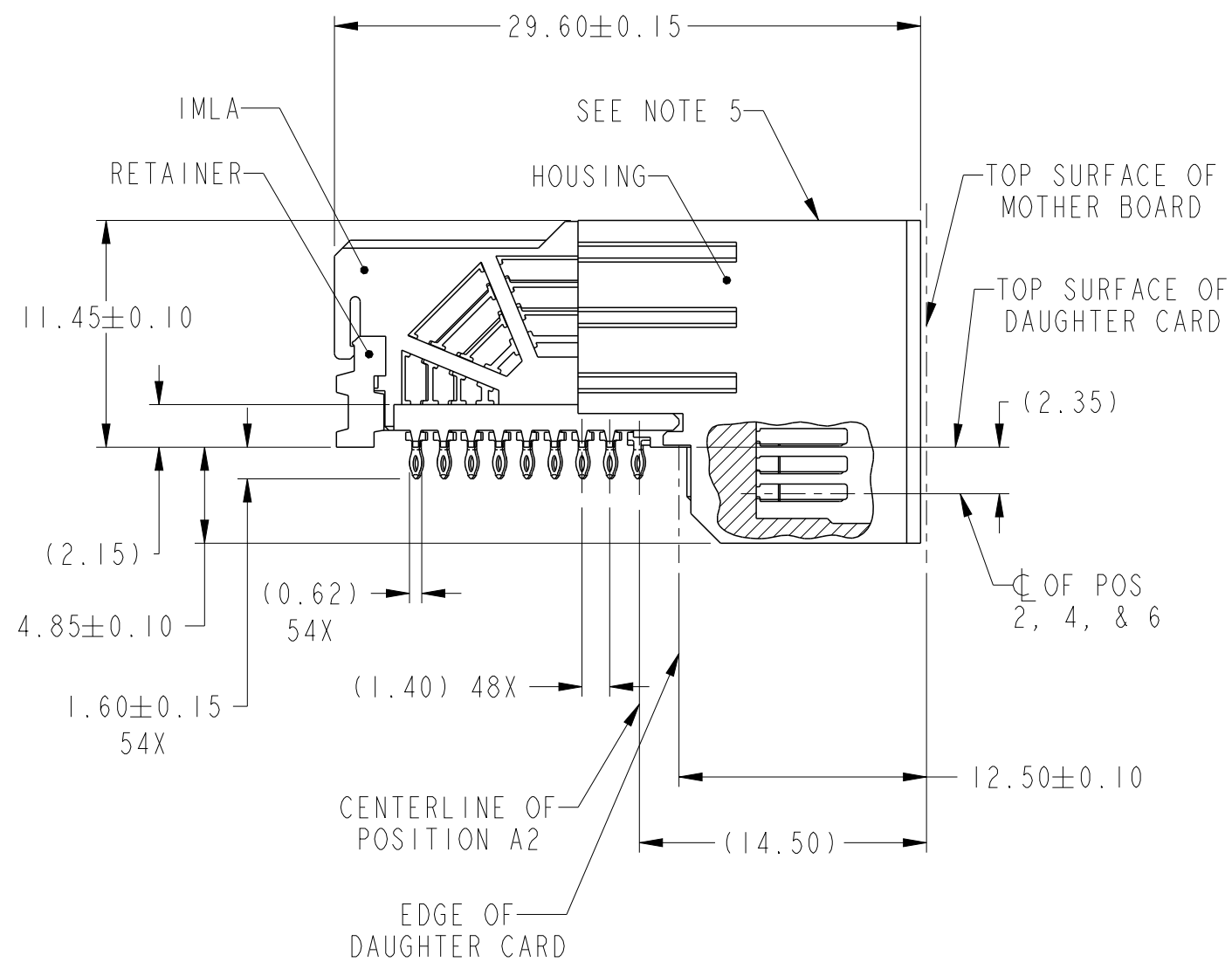
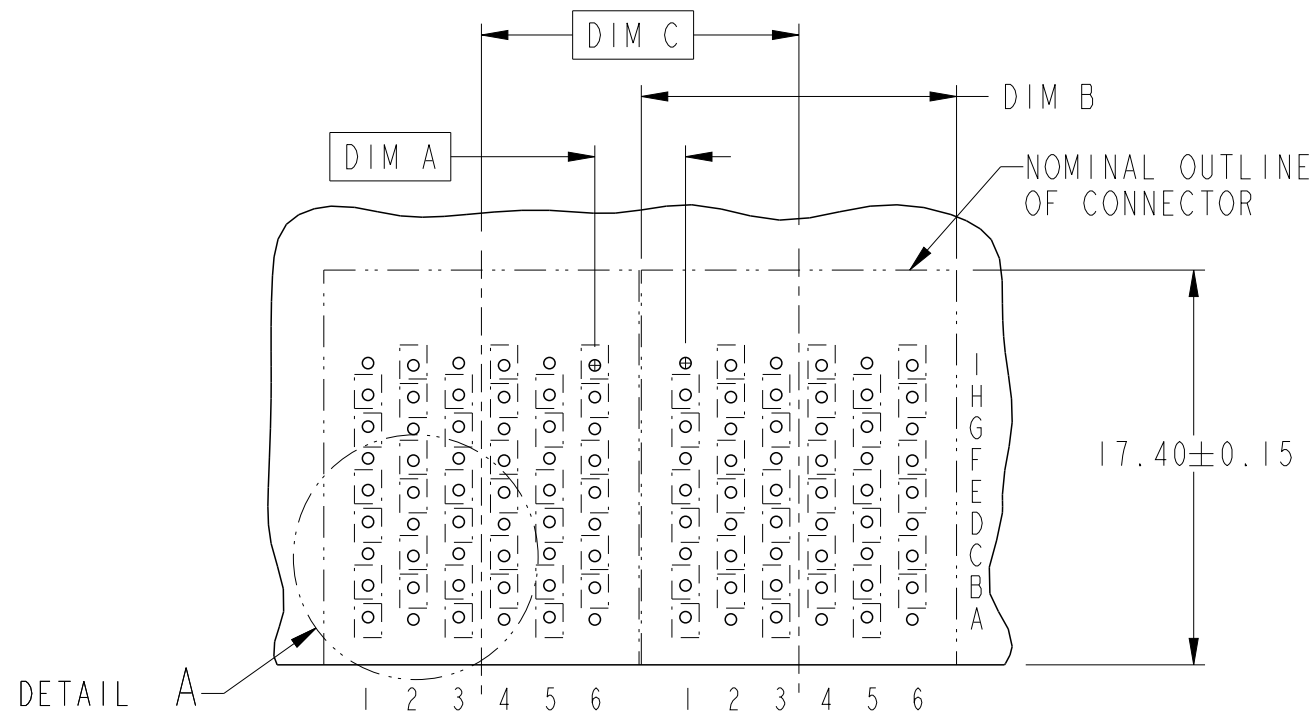


PRODUCT NUMBER
SEE TABLE, SHEET 5

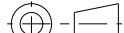




spec ref		dr		Chen-Hong Tan		2006/10/02		projection				size		A3		scale		3:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Yong-Keat Lim		2011/05/30				ecn no		ELX-S-003991-1		rel level		Released							
ASME Y14.5				chr		-		-																	
-				appr		Chen-Hong Tan		2011/05/30												product family		AirMax VS			
surface		linear		0.X		±0.3				title		AirMax VS R/A HEADER ASSY		dwg no		10039851		rev		F					
ASME Y14.5																						0.XX		±0.10	
ASME Y14.5																						0.XXX		±0.050	
angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 5											

DESCRIPTION	DIM A	DIM B	DIM C
2-14MM MODULES PLACED END-TO-END	4.00	13.90 2X	14.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	11.90 1X & 13.90 1X	13.00



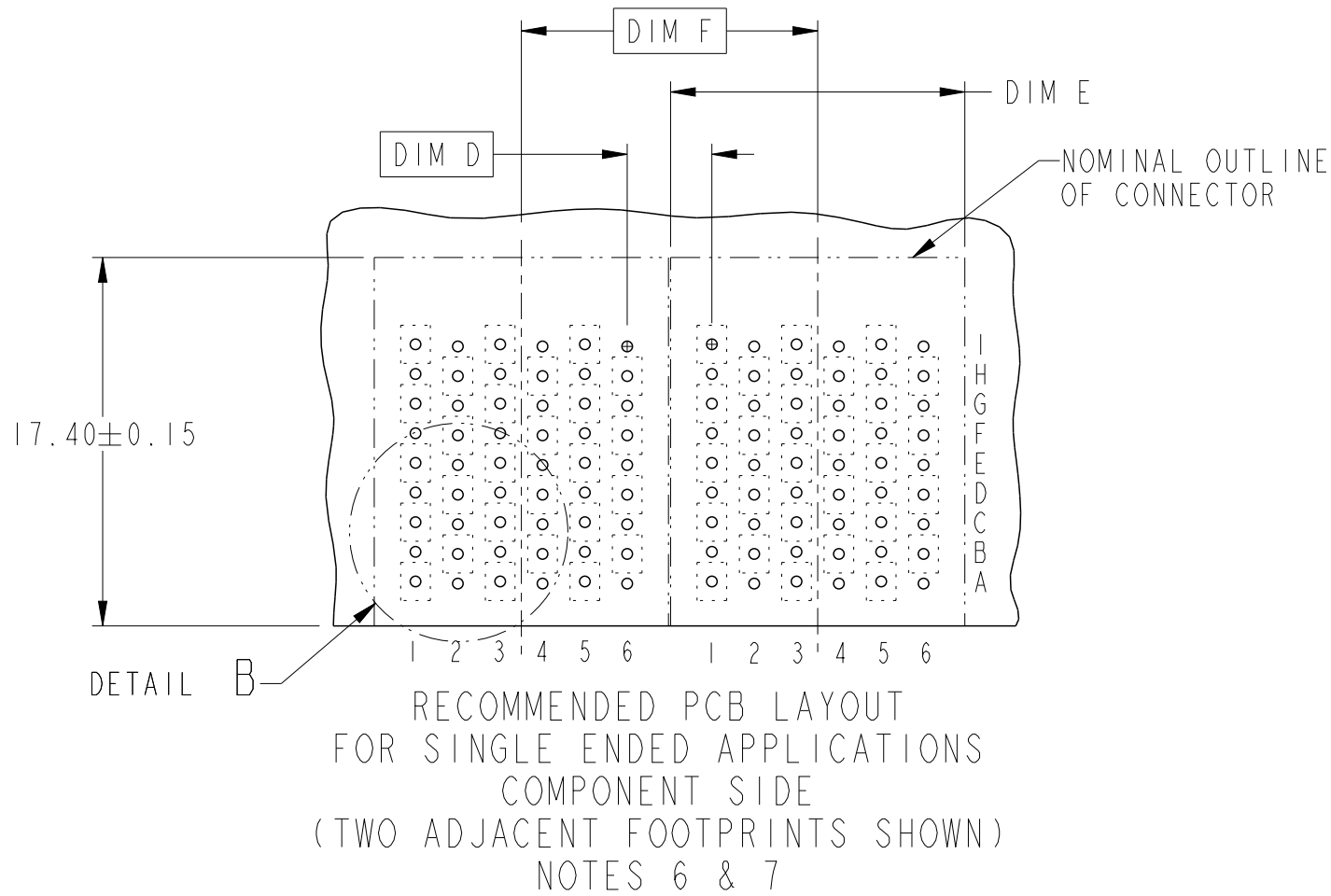
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref				dr	Chen-Hong Tan	2006/10/02	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A3	scale	2:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Yong-Keat Lim	2011/05/30			ecn no		ELX-S-003991-1	
				chr	-	-						
				appr	Chen-Hong Tan	2011/05/30			product family		AirMax VS	
surface $3\sqrt{2}$ ASME Y14.5	linear	0.X	±0.3		title AirMax VS R/A HEADER ASSY PRESS_FIT, 54 POS, 14MM				dwg no	10039851		rev F
		0.XX	±0.10									
		0.XXX	±0.050									
	angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 2 of 5	



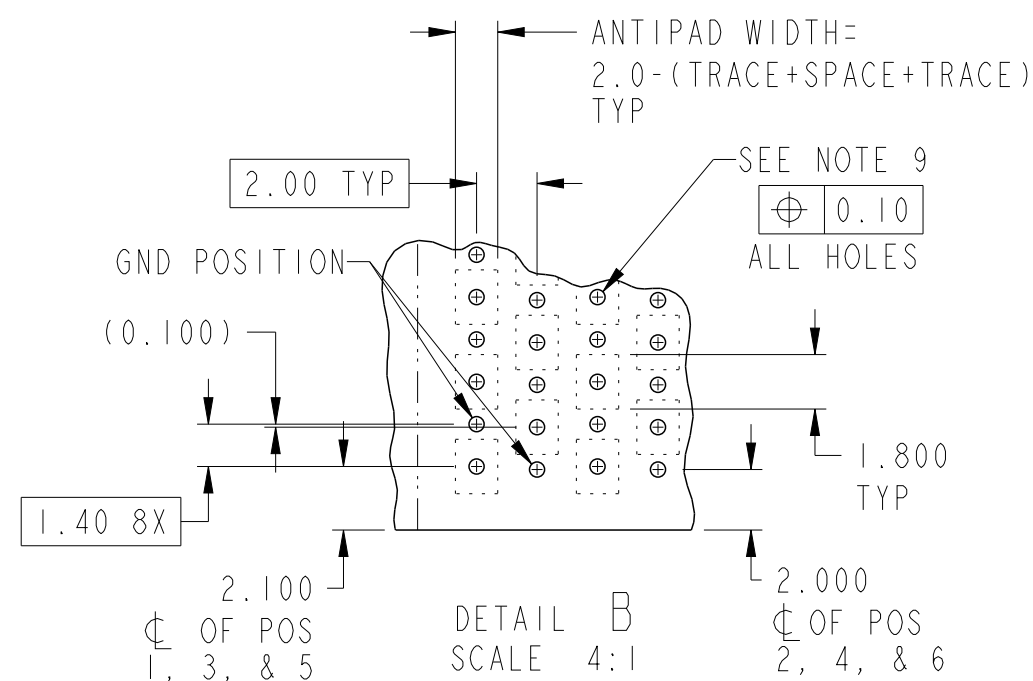
Copyright FCI.

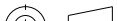


DESCRIPTION	DIM D	DIM E	DIM F
2-14MM MODULES PLACED END-TO-END	4.00	13.90 2X	14.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	11.90 1X & 13.90 1X	13.00



spec ref				dr		Chen-Hong Tan		2006/10/02		projection				MM		size		A3		scale		2:1													
tolerance std ASME Y14.5 -				TOLERANCES UNLESS OTHERWISE SPECIFIED								eng		Yong-Keat Lim		2011/05/30						ecn no		ELX-S-003991-1											
												chr		-		-																			
												appr		Chen-Hong Tan		2011/05/30						product family		AirMax VS		rel level		Released							
surface ASME Y14.5				linear				0.X ±0.3 0.XX ±0.10 0.XXX ±0.050								title				AirMax VS R/A HEADER ASSY PRESS_FIT, 54 POS, 14MM				dwg no				10039851				rev		F	
www.fci.com				cat. no.				-				Product - Customer Drw				sheet 3 of 5																			

D



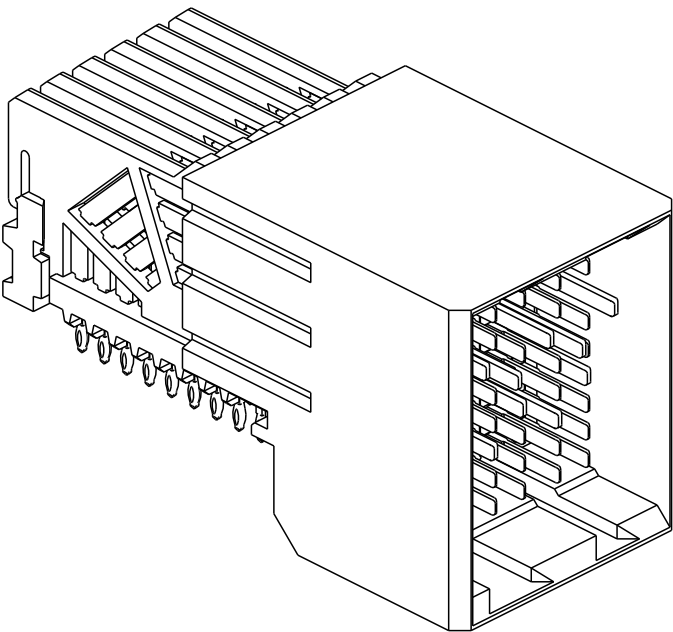
spec ref				dr	Chen-Hong Tan	2006/10/02	projection 	MM 	size	A3	scale	2:1	
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Yong-Keat Lim	2011/05/30			ecn no	ELX-S-003991-1			
				chr	-	-							
-				appr	Chen-Hong Tan	2011/05/30	product family		AirMax VS		rel level Released		
surface $\sqrt{3.2}$	linear	0.X	± 0.3		title AirMax VS R/A HEADER ASSY PRESS_FIT, 54 POS, 14MM				dwg no 10039851				rev F
		0.XX	± 0.10										
		0.XXX	± 0.050										
ASME Y14.5	angular	0°	$\pm 2^\circ$	www.fci.com	cat. no.		-	Product - Customer Drw				sheet 4 of 5	

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10039851-101	TIN/LEAD ALLOY OVER NICKEL	NO
10039851-101LF	TIN OVER NICKEL (LEAD FREE)	
10039851-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10039851-111LF	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

PRESS-FIT TAILS: SEE TABLE
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 OF ODD NUMBERED COLUMNS AND POSITIONS G 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 AND 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.
13. MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.

spec ref		dr		Chen-Hong Tan		2006/10/02		projection		MM		size		A3		scale		3:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Yong-Keat Lim		2011/05/30						ecn no		ELX-S-003991-1					
ASME Y14.5				chr		-		-						rel level		Released					
-				appr		Chen-Hong Tan		2011/05/30						product family		AirMax VS					
surface		linear		0.X		±0.3				title		AirMax VS R/A HEADER ASSY		dwg no		10039851		rev		F	
				0.XX		±0.10															
				0.XXX		±0.050															
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 5					