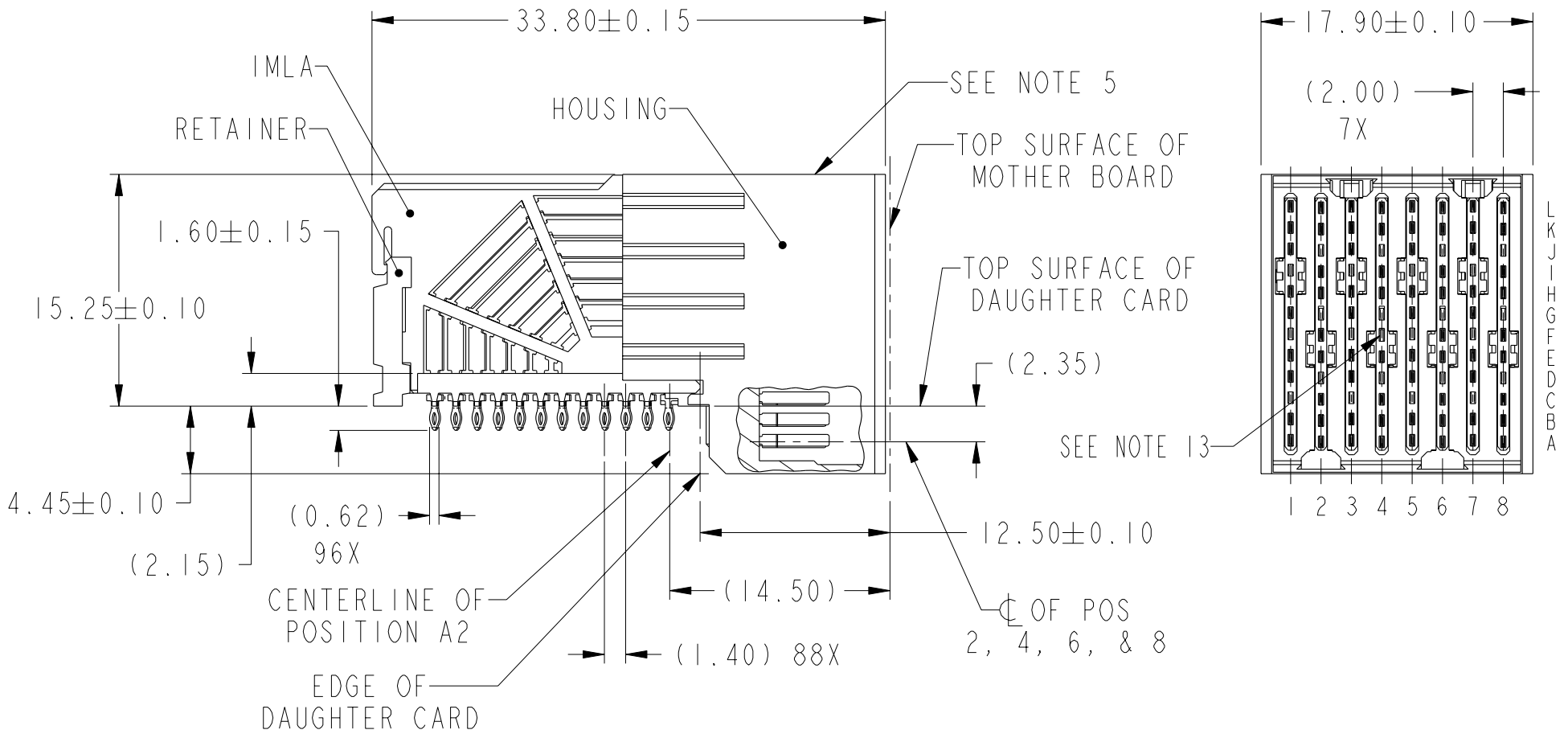




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Product number
SEE TABLE, SHT 5



rev	ecn no	dr	date
A	S07-0103	LS	2007-04-05
B	S08-0251	CH	2008-07-31
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

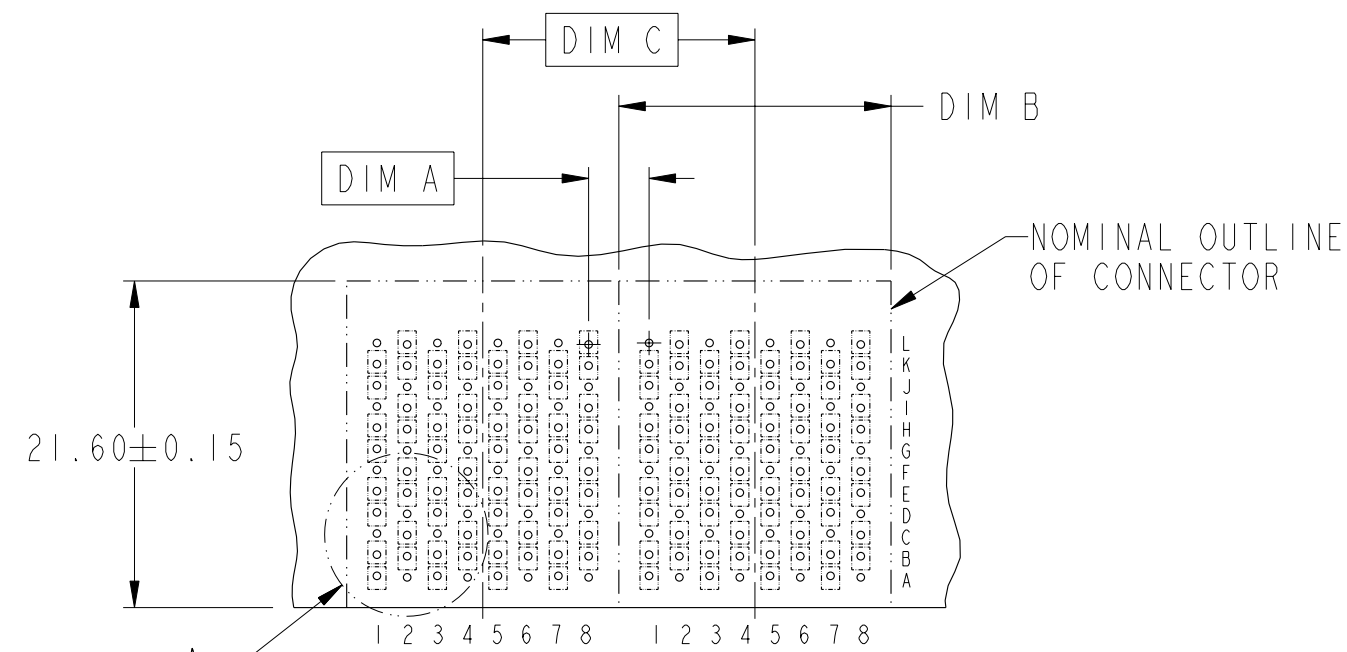
www.fciconnect.com		surface - ✓ ASME Y14.5	tolerance std ASME Y14.5	projection MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	G. HULL	2005-01-26	ANGULAR	0.X ±
Eng	B. MARSHALL	2005-01-26	LINEAR	0.XX ±
Chr	C.H TAN	2008-07-31	0° ±°	0.XXX ±
Appr	JOEY NG	2008-07-31	Product family	AirMax VS
FCI		title	AirMax VS R/A HEADER ASSY	
			PRESS-FIT, 96 POS, 18MM	
		catalog no	10052838	
			CUSTOMER	sheet 1 of 5

REV F - 2008-04-17



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DESCRIPTION	DIM A	DIM B	DIM C
2-18MM MODULES PLACED END-TO-END	4.00	17.90 2X	18.00
1-16MM MODULE & 1-18MM MODULE PLACED END-TO-END	3.00	15.90 1X & 17.90 1X	17.00



DETAIL A

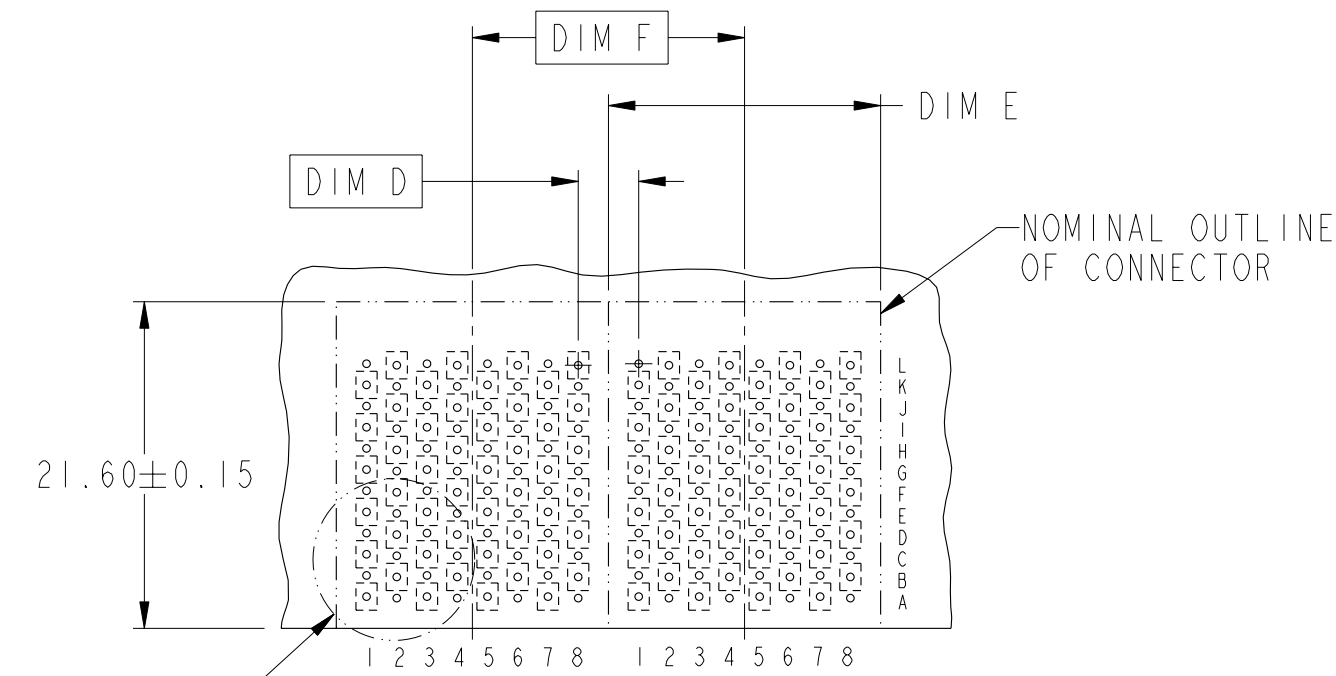
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

	title	AirMax VS R/A HEADER ASSY		dwg no	10052838		Rev.	B
		PRESS-FIT, 96 POS, 18MM						
	catalog no	-			CUSTOMER		sheet 2 of 5	



Copyright FCI.

DESCRIPTION	DIM D	DIM E	DIM F
2-18MM MODULES PLACED END-TO-END	4.00	17.90 2X	18.00
1-16MM MODULE & 1-18MM MODULE PLACED END-TO-END	3.00	15.90 1X & 17.90 1X	17.00



DETAIL B

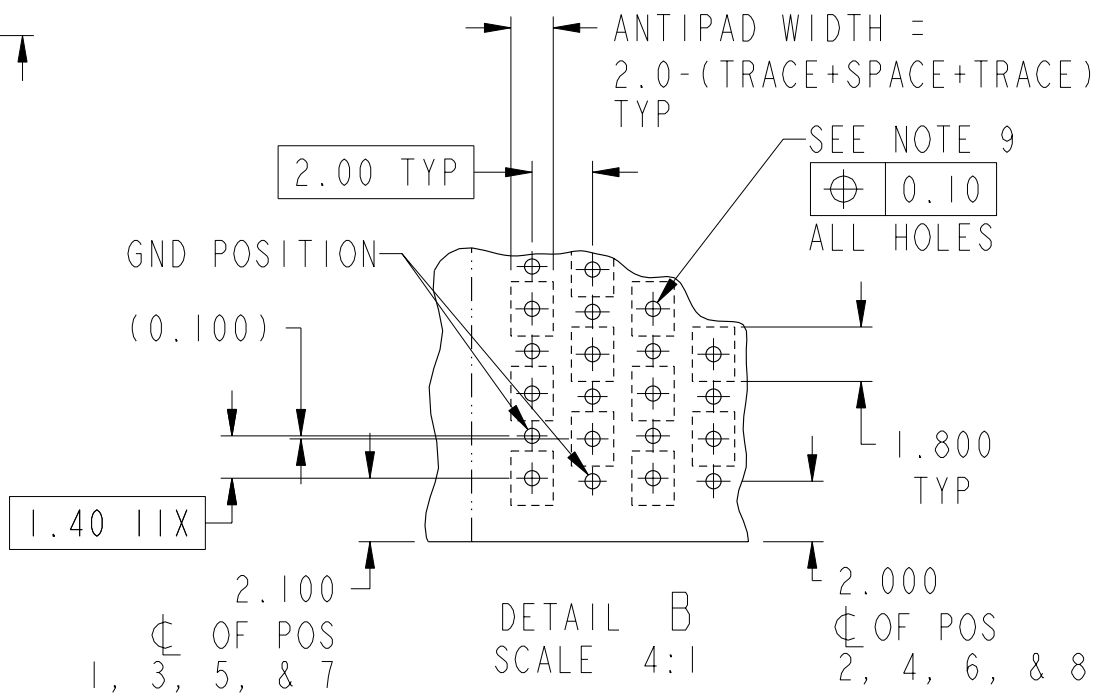
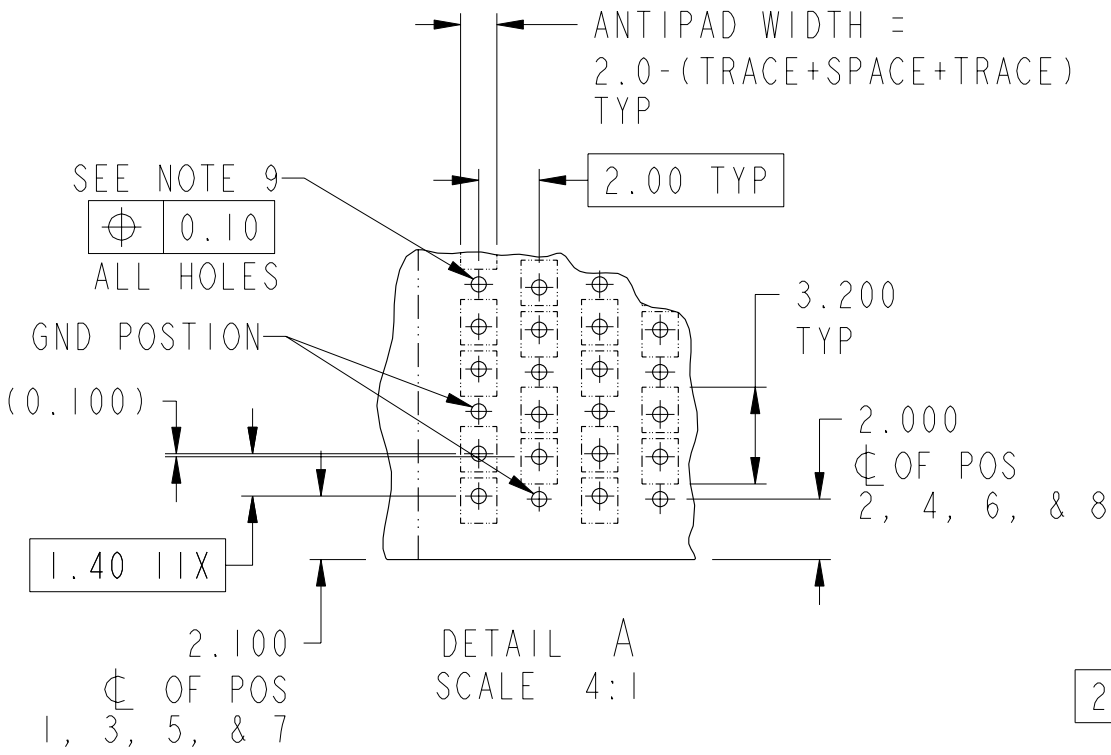
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



title	AirMax VS R/A HEADER ASSY PRESS-FIT, 96 POS, 18MM	dwg no	10052838	Rev.	B
catalog no	-	CUSTOMER	sheet 3 of 5		



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title AirMax VS R/A HEADER ASSY
PRESS-FIT, 96 POS, 18MM
catalog no -

dwg no 10052838
CUSTOMER

Rev. B

A

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10052838-101	TIN/LEAD ALLOY OVER NICKEL	NO
10052838-101LF	TIN OVER NICKEL (LEAD FREE)	
10052838-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10052838-111LF	TIN OVER NICKEL (LEAD FREE)	

NOTES:

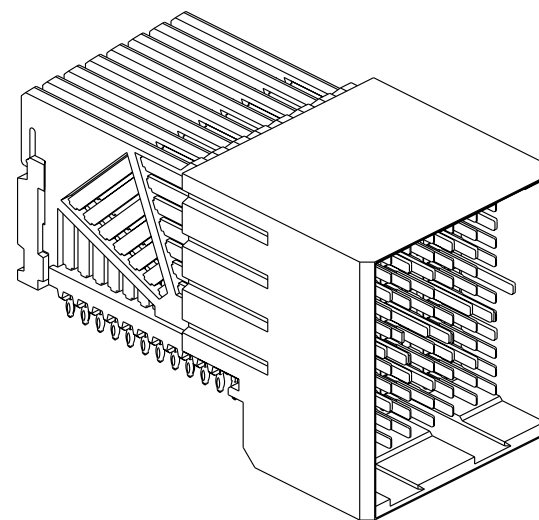
1. CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY

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.
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. THIS 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 F4 IS SHORTER THAN ALL REMAINING
SIGNAL PINS. NOMINAL MATING WIPE FOR PIN F4
IS 0.5MM LESS THAN ALL REMAINING SIGNAL PINS.

14. A $\triangle B$ SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH
THE CURRENT DRAWING REVISION.



title	AirMax VS R/A HEADER ASSY	dwg no	10052838	Rev.	B
catalog no	-	CUSTOMER	sheet 5 of 5		