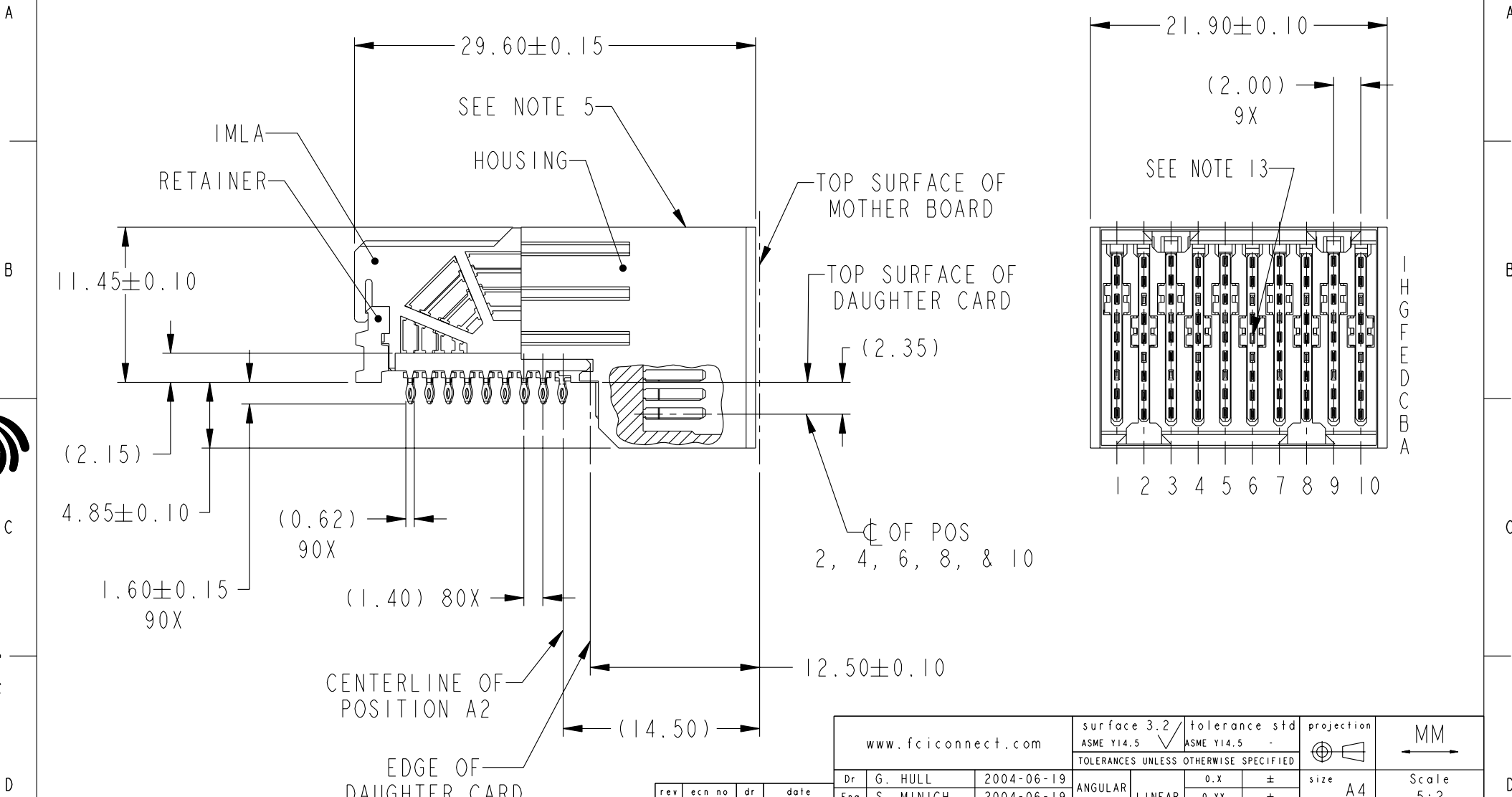




**THE DATASHEET OF**  
**10034249-101LF**



PRODUCT NUMBER  
SEE TABLE, SHEET 5



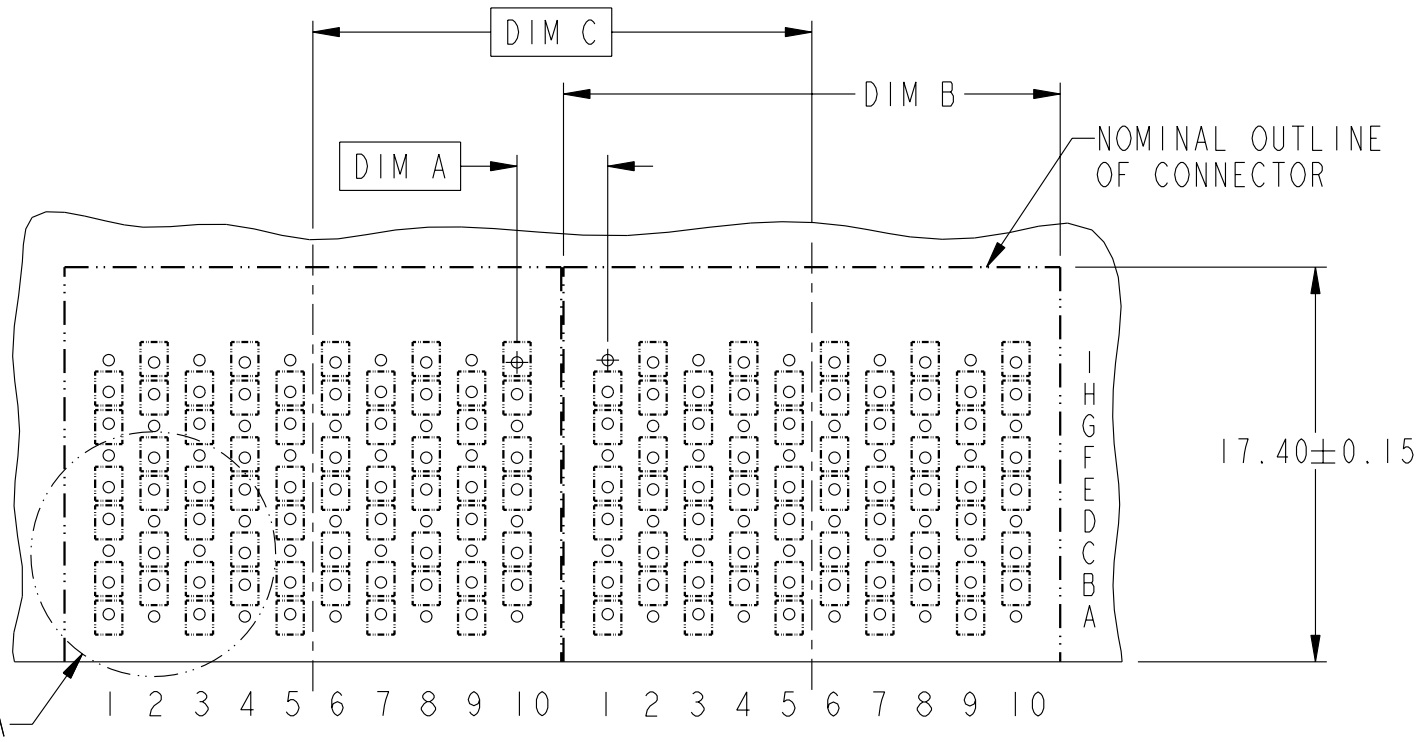
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rev	ecn no	dr	date
A	V05-0461	LRJ	2006-02-24
B	V06-0209	LRJ	2006-03-01
C	V06-0531	SCS	2006-06-06
D	S06-0374	DG	2006-12-21
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM	Scale 5:2
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size A4	ECN ***
Dr	G. HULL	2004-06-19	0.X	±	
Eng	S. MINICH	2004-06-19	0.XX	±	
Chr	C. H. TAN	2006-12-21	0.XXX	±	
Appr	JOEY NG	2006-12-21	Product family AirMax VS		Spec ref
FCI		AirMax VS R/A HEADER ASSY PRESS-FIT, 90 POS, 22MM		dwg no 10034249	Rev. D
catalog no		-		CUSTOMER	sheet 1 of 5

REV F - 2006-04-17

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



DETAIL A

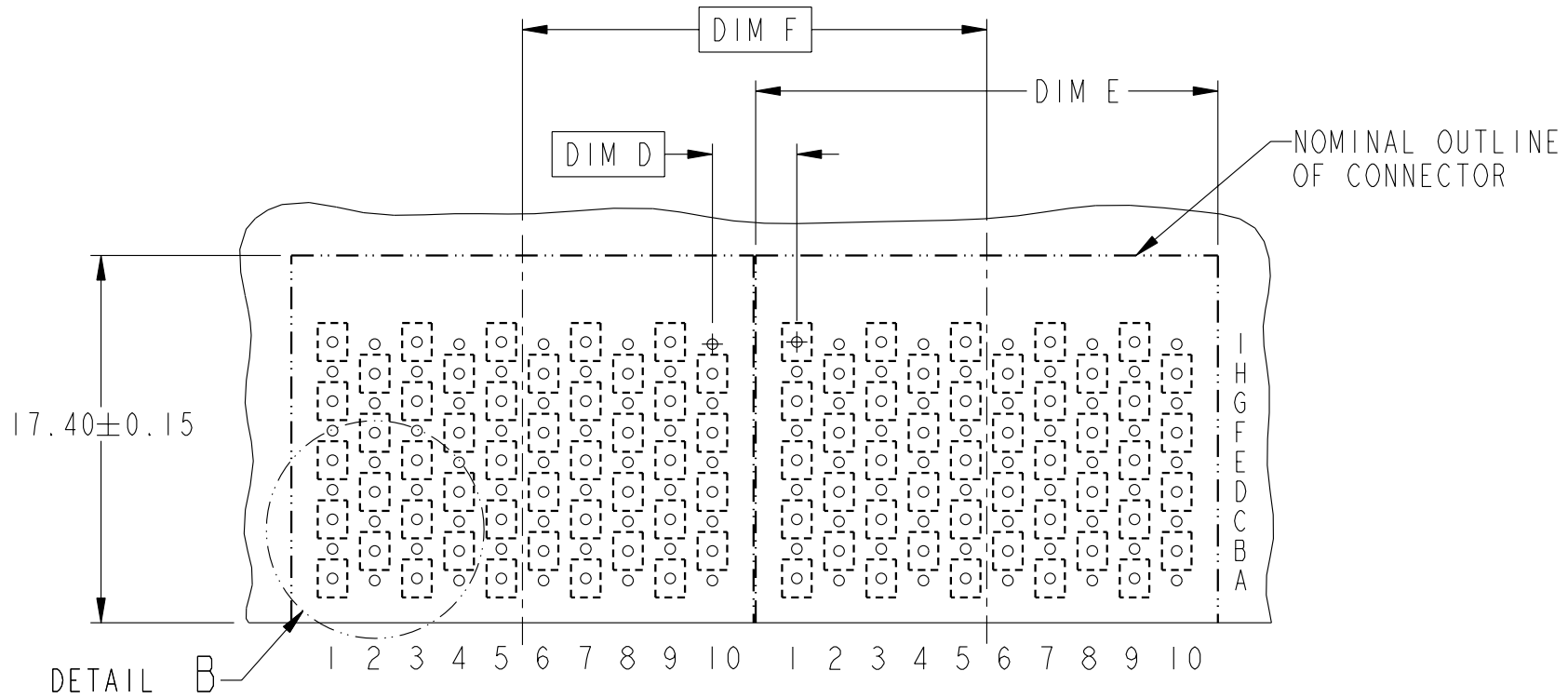
RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 6 & 7

<b>FCI</b>	title	AirMax VS R/A HEADER ASSY	dwg no	10034249	Rev.	D
	catalog no	-	CUSTOMER	sheet 2 of 5		



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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

	title AirMax VS R/A HEADER ASSY PRESS-FIT, 90 POS, 22MM	dwg no 10034249	Rev. D
	catalog no -	CUSTOMER	sheet 3 of 5
	STATUS: Released		



1

2

3

4

A

B

C

D

A

B

C

D

SEE NOTE 9

⊕ 0.10

ALL HOLES

GND POSITION  
(0.100)

ANTIPAD WIDTH=  
2.0-(TRACE+SPACE+TRACE)  
TYP

2.00 TYP

3.200  
TYP.

2.000  
⊕ OF POS  
2, 4, 6, 8, & 10

1.40 8X

2.100  
⊕ OF POS  
1, 3, 5, 7, & 9

DETAIL A  
SCALE 4:1

ANTIPAD WIDTH=  
2.0-(TRACE+SPACE+TRACE)  
TYP

2.00 TYP

SEE NOTE 9  
⊕ 0.10  
ALL HOLES

GND POSITION  
(0.100)

1.40 8X

2.100  
⊕ OF POS  
1, 3, 5, 7, & 9

DETAIL B  
SCALE 4:1

1.800  
TYP

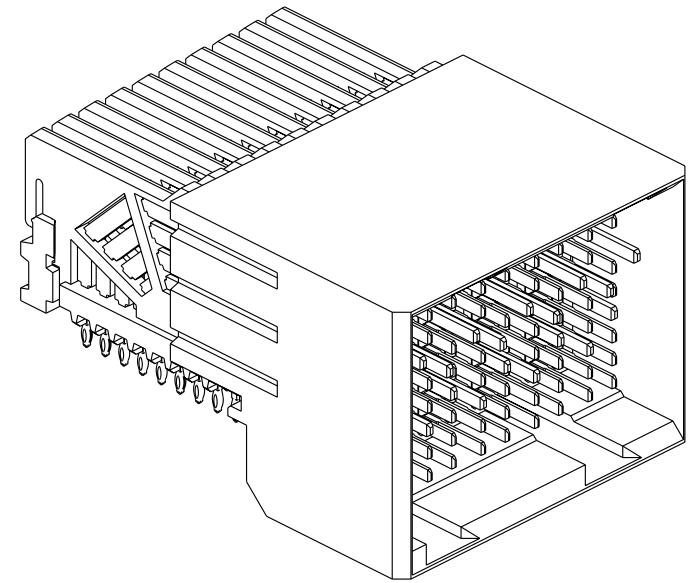
2.000  
⊕ OF POS  
2, 4, 6, 8, & 10



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PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10034249-101	TIN/LEAD ALLOY OVER NICKEL	NO
10034249-101LF	TIN OVER NICKEL (LEAD FREE)	
10034249-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10034249-111LF	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 E6 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.

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FCI	title	AirMax VS R/A HEADER ASSY	dwg no	10034249	Rev.	D
	catalog no	PRESS-FIT, 90 POS, 22MM	-	CUSTOMER	sheet 5 of 5	

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