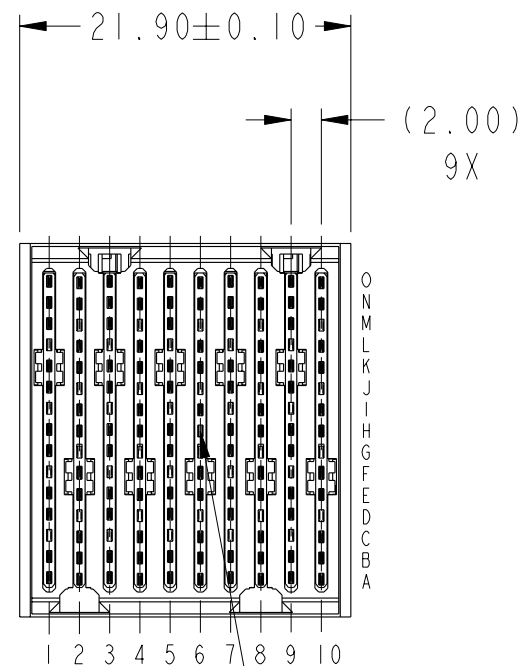


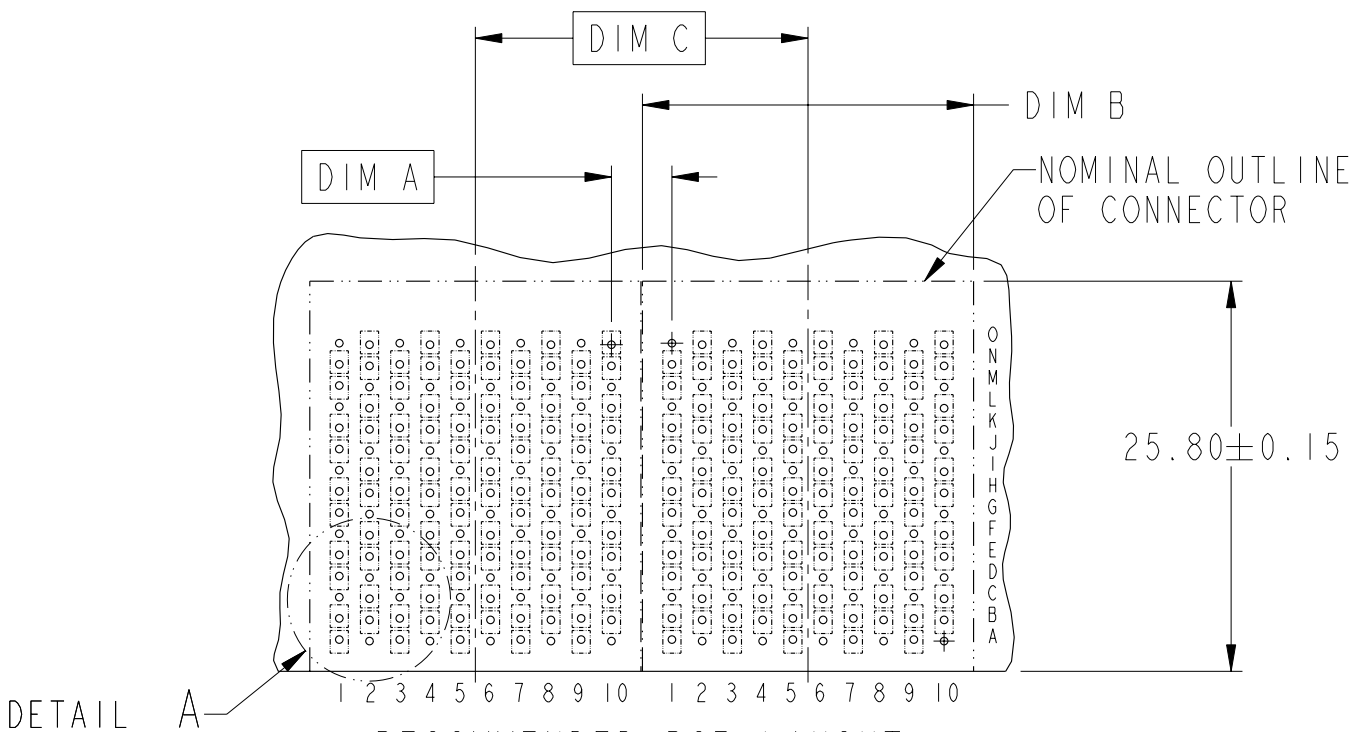


www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std ASME Y14.5 -		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	D. BUSH	2004-10-13	ANGULAR	LINEAR	0.X	±	size	A4	Scale	2:1
Eng	Y. K. LIM	2009-09-07			0.XX	±				
Chr	Y. K. LIM	2009-09-07			0.XXX	±	ECN	S09-0279		
Appr	JOEY NG	2009-09-07	Product family AirMax VS				Spec ref			
			title AirMax VS R/A HEADER ASSY PRESS-FIT, 150 POS, 22MM				dwg no 10025613		Rev H	
catalog no			-		CUSTOMER			sheet 1 of 5		



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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

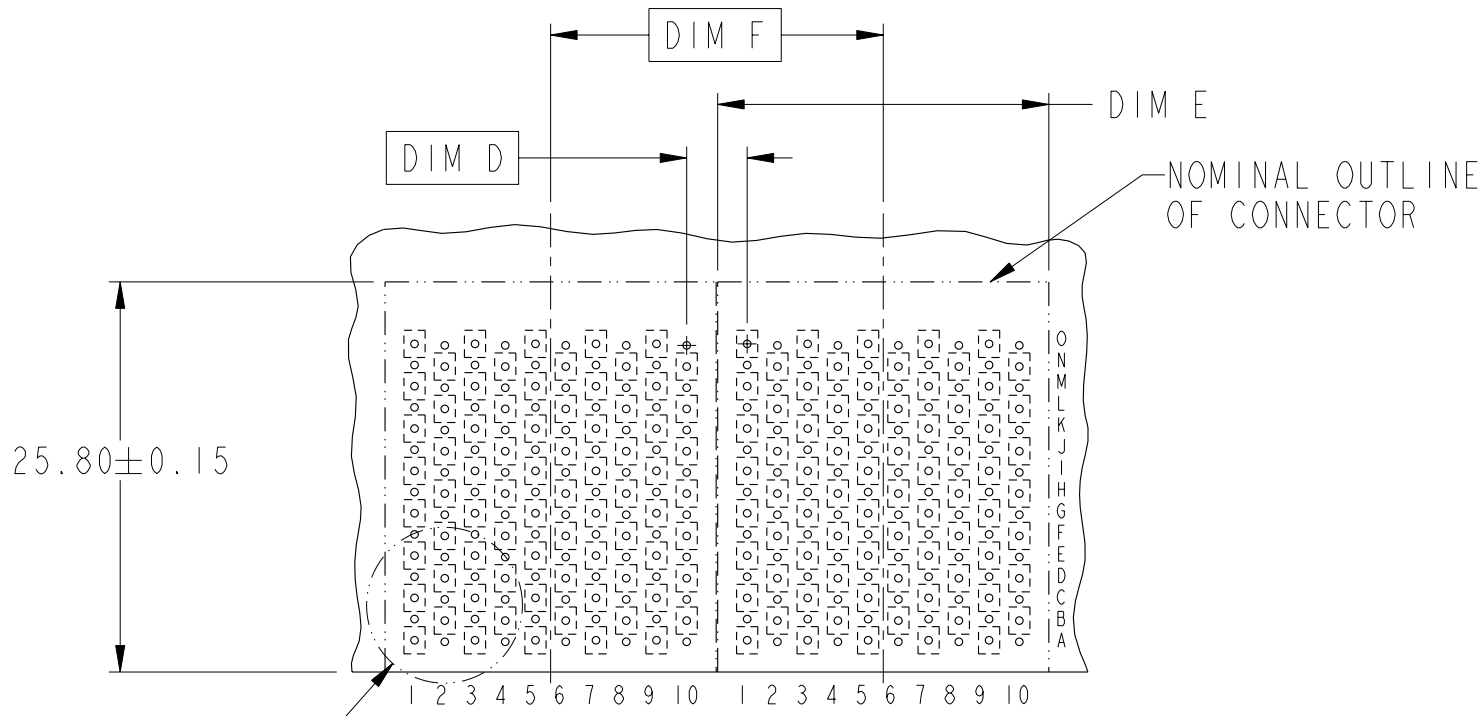


title	AirMax VS R/A HEADER ASSY PRESS-FIT, 150 POS, 22MM	dwg no	10025613	Rev.	H
catalog no	-	CUSTOMER	sheet 2 of 5		



Copyright FCI.

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



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		dwg no	10025613		Rev. H
		PRESS-FIT, 150 POS, 22MM					
	catalog no	-		CUSTOMER		sheet 3 of 5	



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REV F - 2006-04-17



title AirMax VS R/A HEADER ASSY
PRESS-FIT, 150 POS, 22MM
catalog no -

dwg no 10025613

Rev.
H

CUSTOMER sheet 4 of 5

PDM: Rev:H

STATUS:Released

4Printed: Nov 30, 2010

A

B

C

D

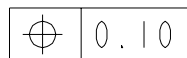
A

B

C

D

SEE NOTE 9



ALL HOLES

GND POSITION

(0.100)

ANTIPAD WIDTH=
 $2.0 - (\text{TRACE} + \text{SPACE} + \text{TRACE})$
TYP

2.00 TYP

3.200
TYP

2.000
CL OF POS
2, 4, 6, 8, & 10

1.40 14X

2.100

CL OF POS

1, 3, 5, 7, & 9

DETAIL A
SCALE 4:1

ANTIPAD WIDTH=
 $2.0 - (\text{TRACE} + \text{SPACE} + \text{TRACE})$
TYP

2.00 TYP

GND POSITION

(0.100)

1.40 14X

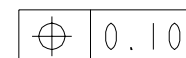
2.100

CL OF POS

1, 3, 5, 7, & 9

DETAIL B
SCALE 4:1

SEE NOTE 9



ALL HOLES

1.800
TYP

2.000
CL OF POS
2, 4, 6, 8, & 10

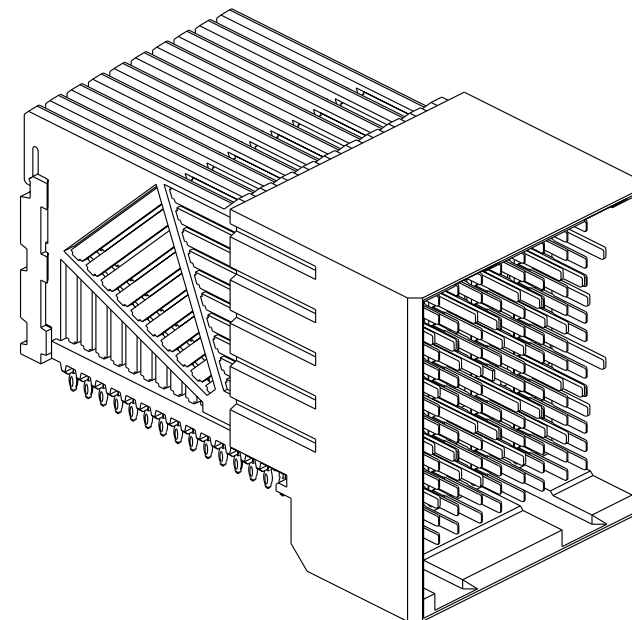


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PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10025613-101	TIN/LEAD ALLOY OVER NICKEL	NO
10025613-101LF	TIN OVER NICKEL (LEAD FREE)	
10025613-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10025613-111LF	TIN OVER NICKEL (LEAD FREE)	

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 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.
13. MATING PIN H6 HAS 0.5mm LESS WIPE THAN THE SHORTEST SIGNAL PIN.
14. A $\triangle$ H SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



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