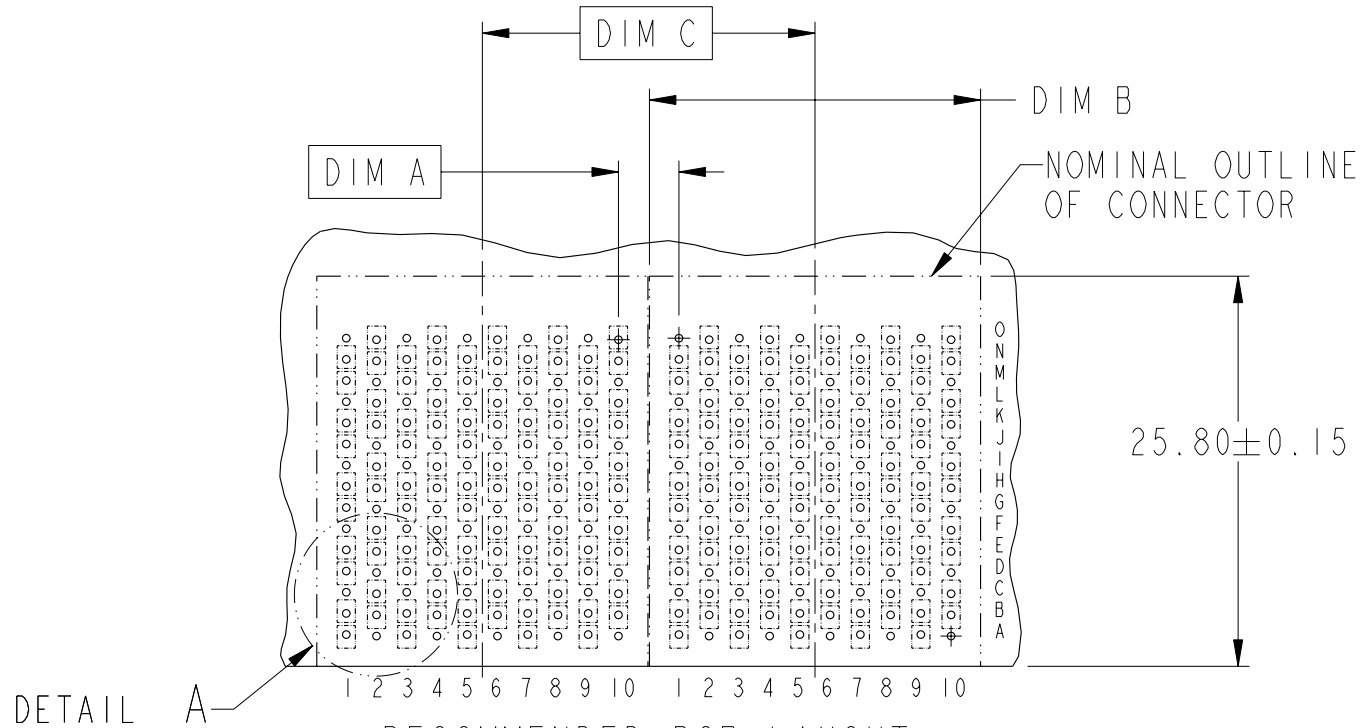




DESCRIPTION	DIM A	DIM B	DIM C
2-22MM MODULES PLACED END-TO-END	4.00	21.90 2X	22.00
1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END	3.00	19.90 1X & 21.90 1X	21.00



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



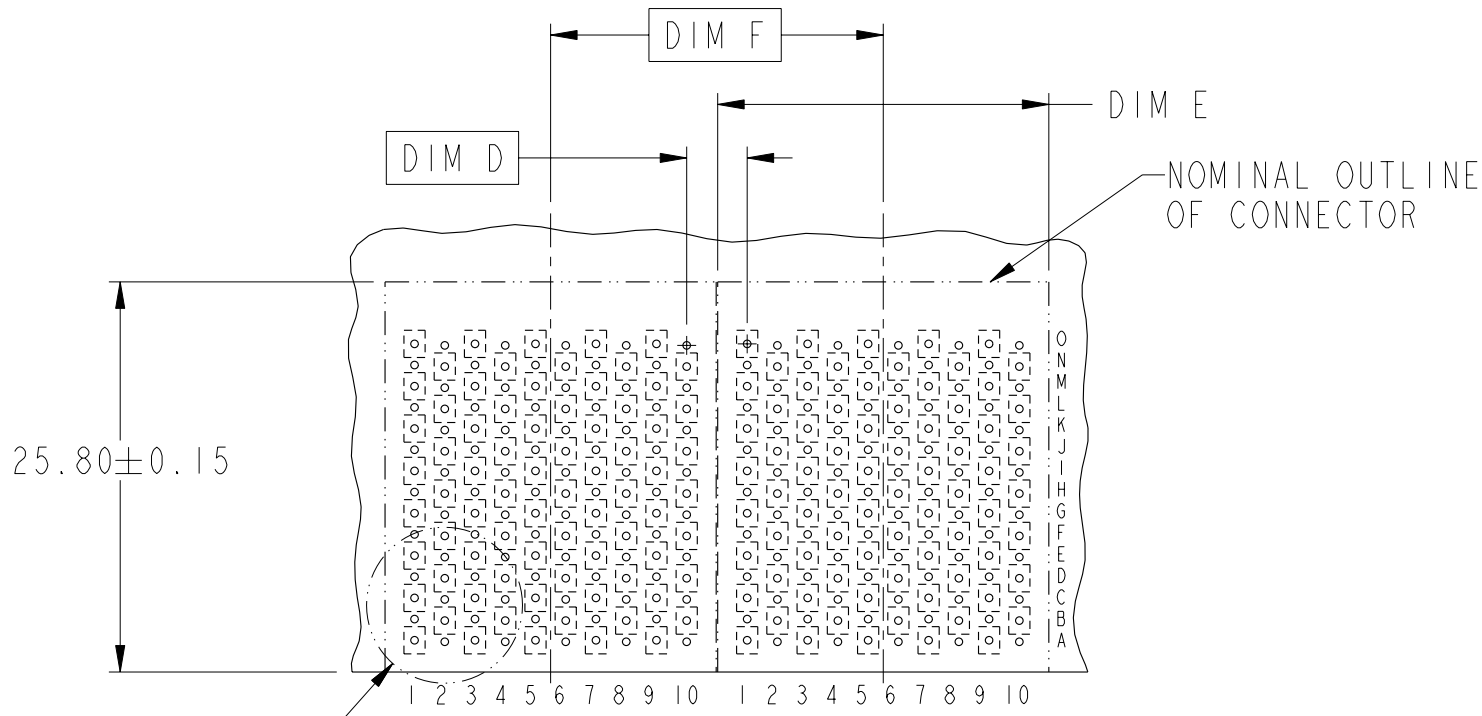
Title	AirMax VS R/A HEADER ASSY		dwg no	10025613	Rev.	H
	PRESS-FIT, 150 POS, 22MM					
catalog no	-	CUSTOMER	sheet 2 of 5			





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



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A  
B  
C  
D

SEE NOTE 9

$\varnothing$  0.10

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  
C OF POS  
2, 4, 6, 8, & 10

1.40 14X

2.100  
C 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

SEE NOTE 9  
 $\varnothing$  0.10  
ALL HOLES

GND POSITION  
(0.100)

1.800  
TYP

1.40 14X

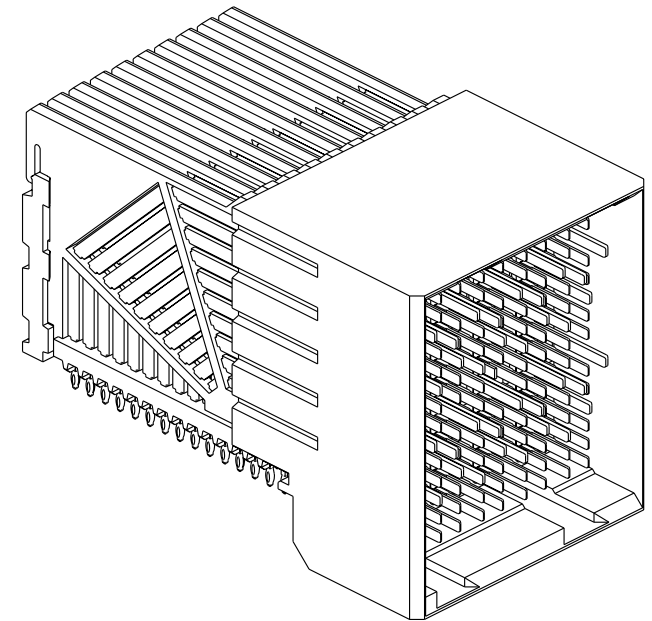
2.100  
C OF POS  
1, 3, 5, 7, & 9

DETAIL B  
SCALE 4:1

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



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

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

