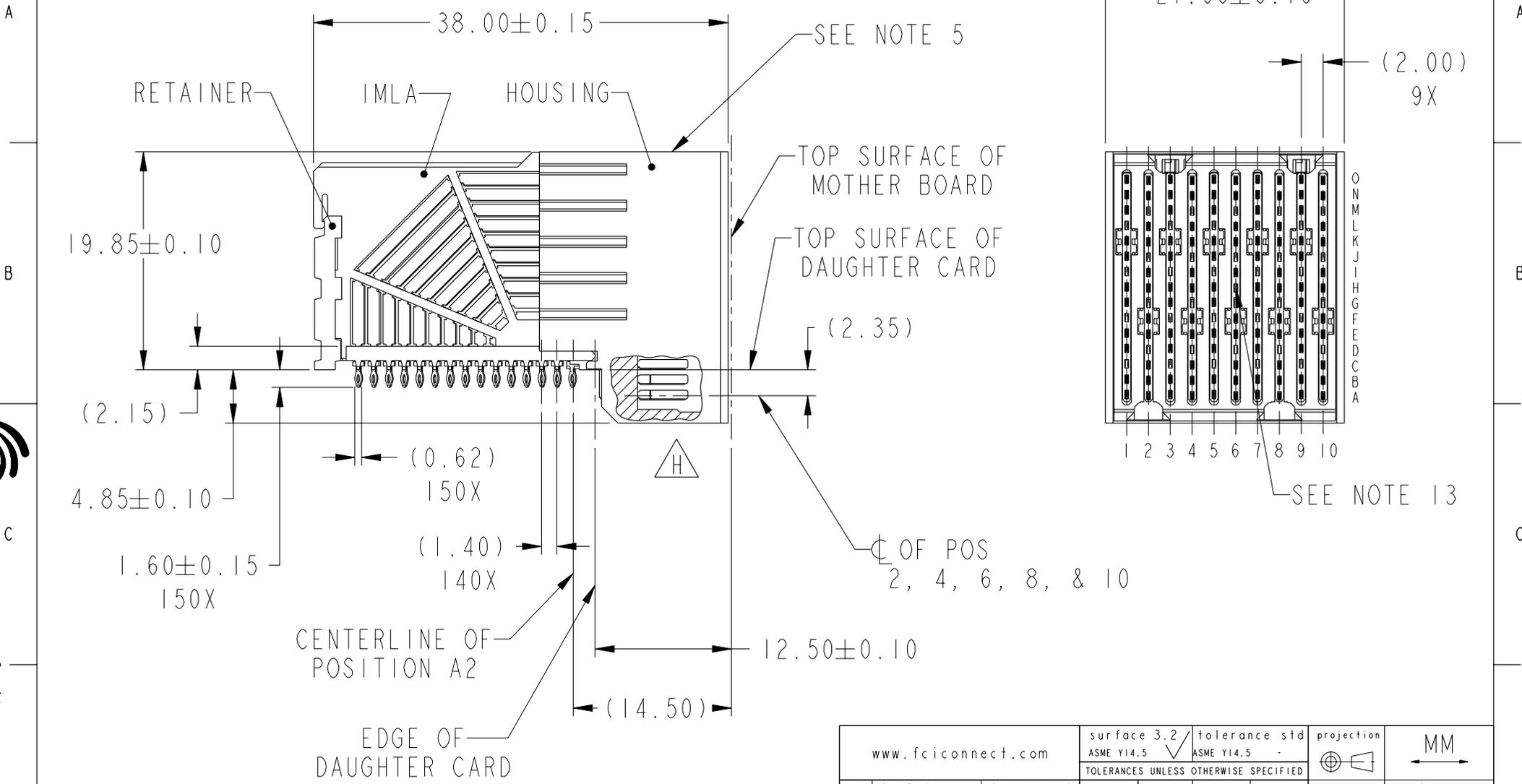


PRODUCT NUMBER
SEE TABLE, SHEET 5



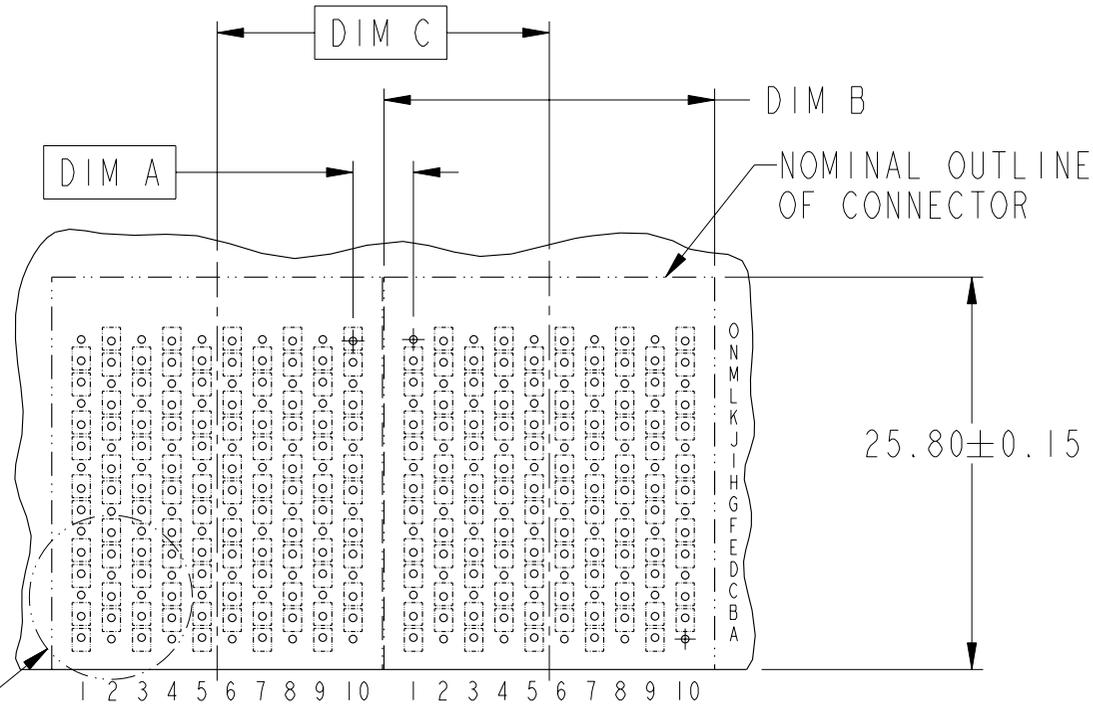
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rev	ecn no	dr	date
H	S09-0279	YK	2009-09-07
-	-	-	-
C	V04-1194	DAB	2004-12-27
D	V05-0105	TH	2005-02-09
E	V05-0218	MRS	2005-03-07
F	V05-0748	CH	2005-08-23
G	S06-0374	CH	2006-12-21

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

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

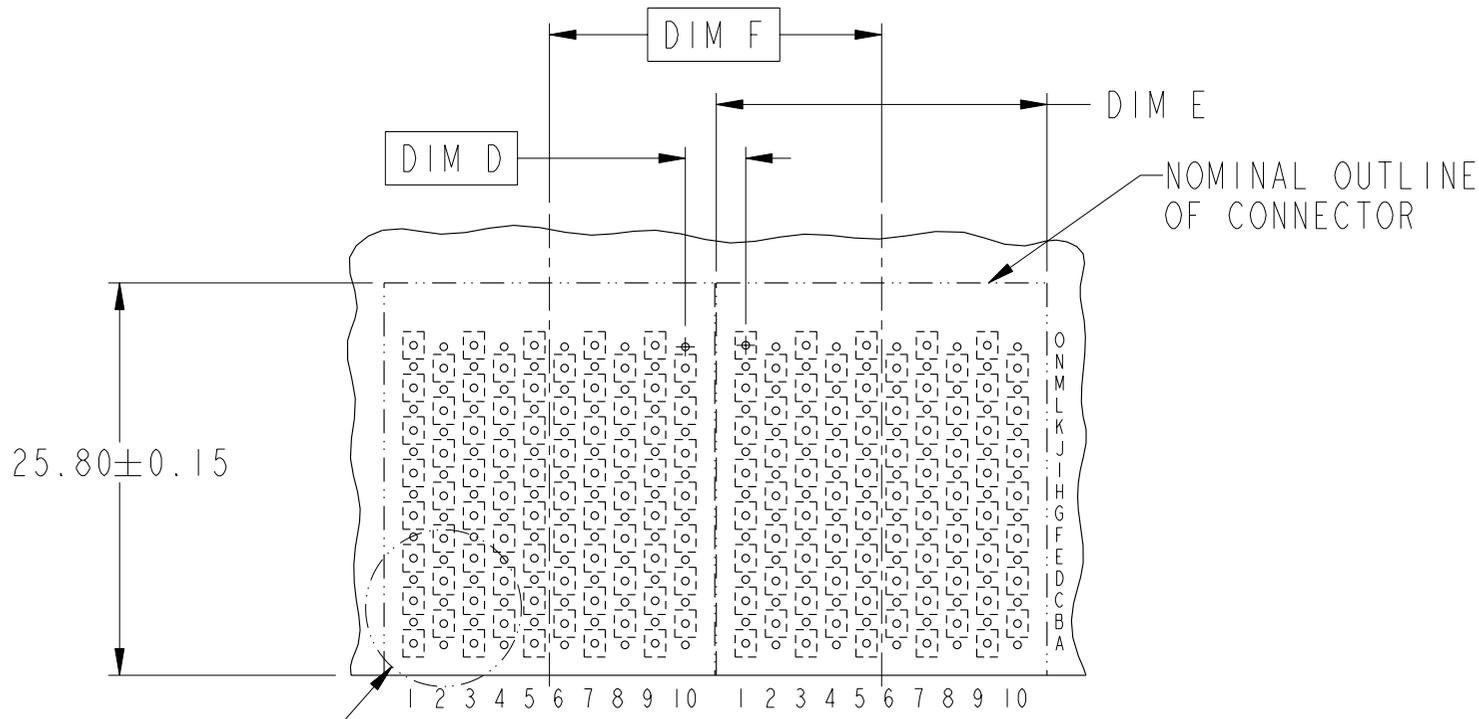


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

	title	AirMax VS R/A HEADER ASSY	dwg no	10025613	Rev.	H
	catalog no	-	CUSTOMER	sheet 2 of 5		



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



Copyright FCI.



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

1 2 3 4

SEE NOTE 9

⊕ 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
⊕ OF POS
2, 4, 6, 8, & 10

1.40 14X

2.100
⊕ 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
⊕ 0.10
ALL HOLES

GND POSITION
(0.100)

1.40 14X

2.100
⊕ OF POS
1, 3, 5, 7, & 9

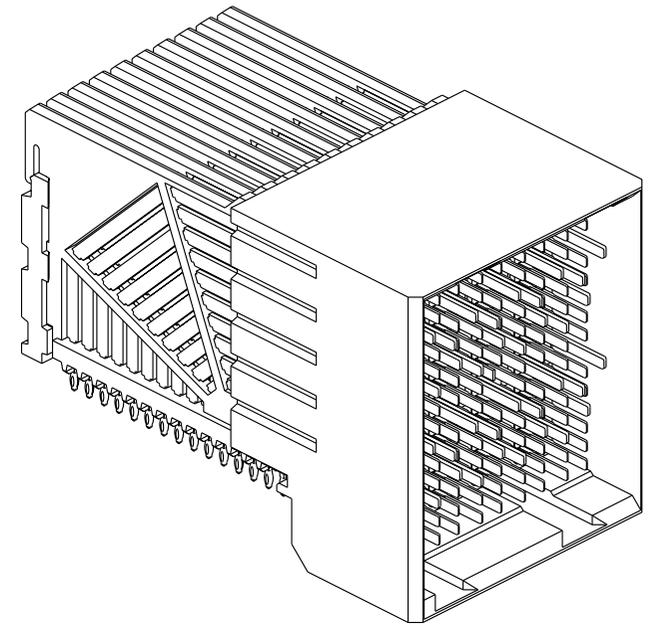
DETAIL B
SCALE 4:1

1.800
TYP

2.000
⊕ OF POS
2, 4, 6, 8, & 10



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	

