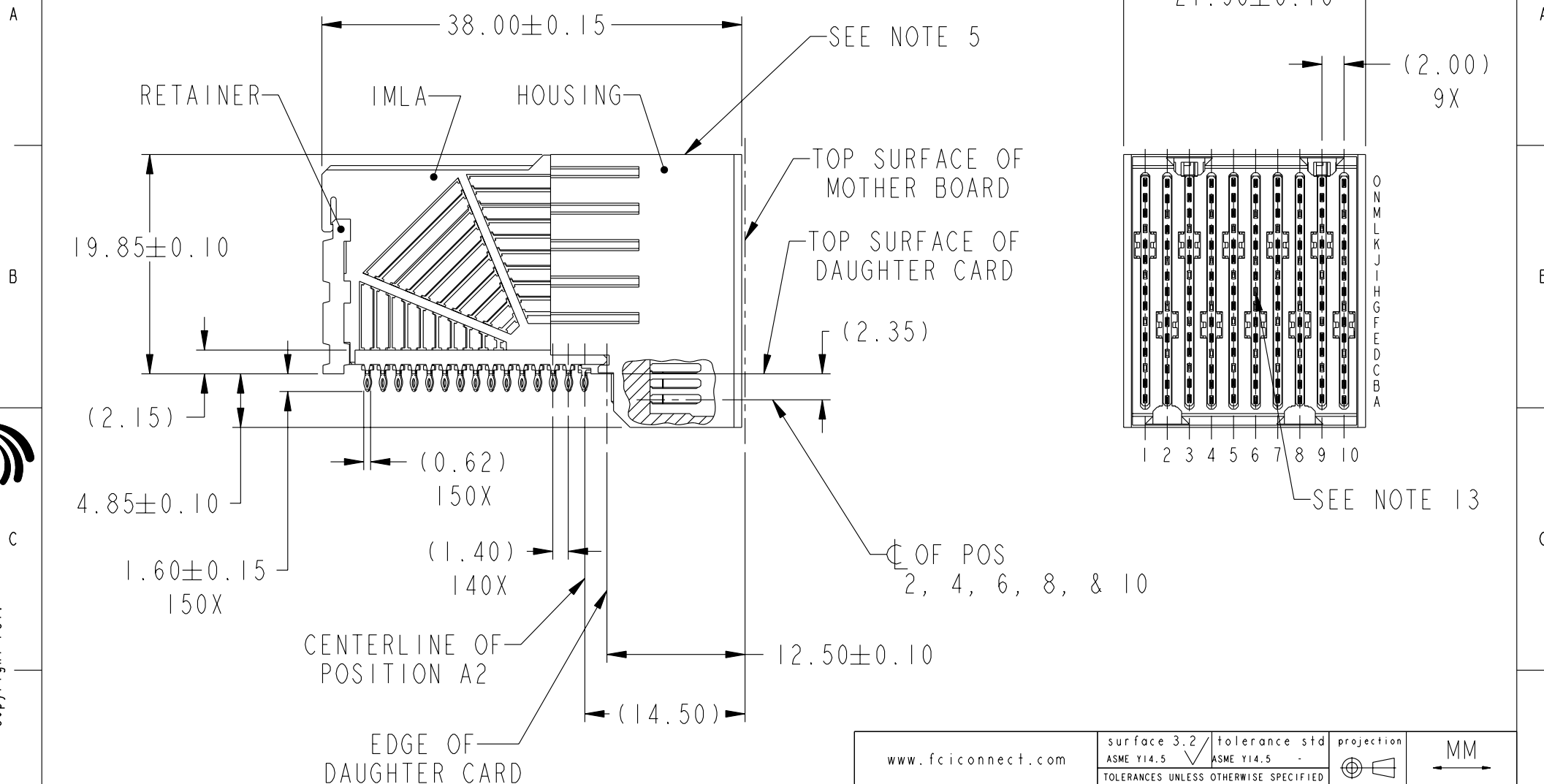




Copyright FCI.

PRODUCT NUMBER
SEE TABLE, SHEET 5



rev	ecn no	dr	date
A	V04-1026	DAB	2004-10-13
B	V04-1120	DAB	2004-11-09
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							
Dr	D. BUSH	2004-10-13	ANGULAR LINEAR	0.X		±		size A4	Scale 2:1	
Eng	B. MARSHALL	2004-10-13		0.XX		±				
Chr	C H. TAN	2006-12-21		0.XXX		±				
Appr	JOEY NG	2006-12-21	Product family AirMax VS					ECN ***		
			Spec ref							
			title AirMax VS R/A HEADER ASSY PRESS-FIT, 150 POS, 22MM				dwg no 10025613		Rev G	
			catalog no -				CUSTOMER		sheet 1 of 5	

REV F - 2006-04-17

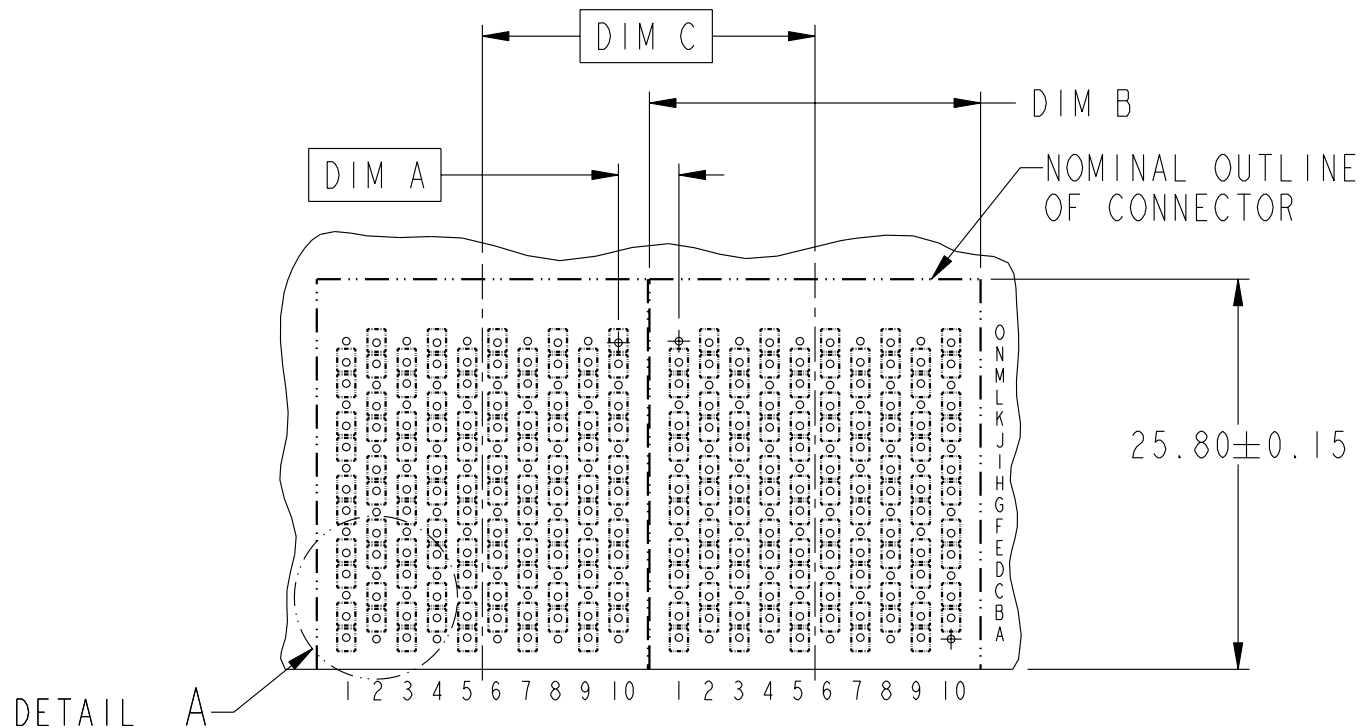
PDM: Rev:G

STATUS: Released 4 Printed: Jul 03, 2008



Copyright FCI.

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
catalog no -

dwg no 10025613

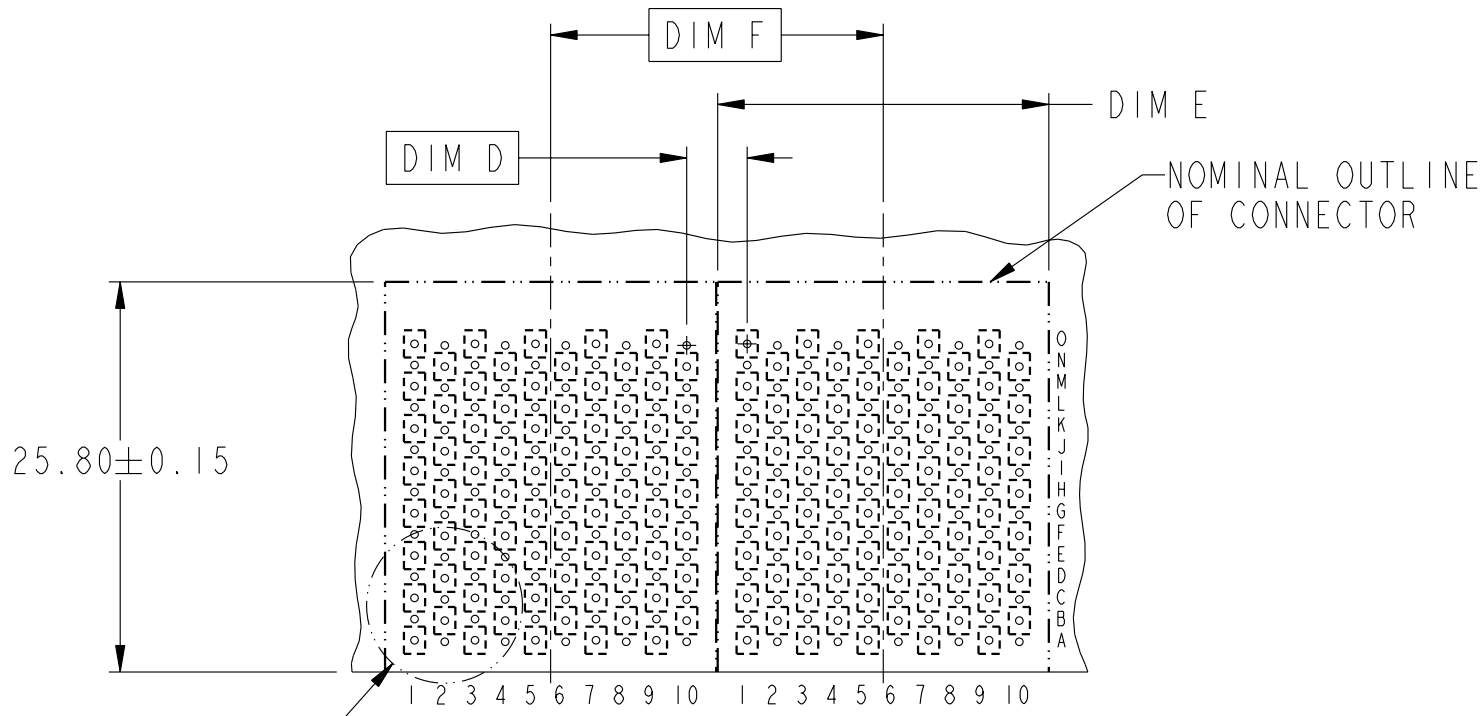
Rev.
G

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



Copyright FCI.

REV F - 2006-04-17

SEE NOTE 9
ALL HOLES
GND POSITION
(0.100)

0.10

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)

SEE NOTE 9
ALL HOLES

0.10

1.800
TYP

1.40 14X

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

DETAIL B
SCALE 4:1

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



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

dwg no 10025613

Rev. G

CUSTOMER sheet 4 of 5

PDM: Rev:G

STATUS Released 4 Printed: Jul 03, 2008

A

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

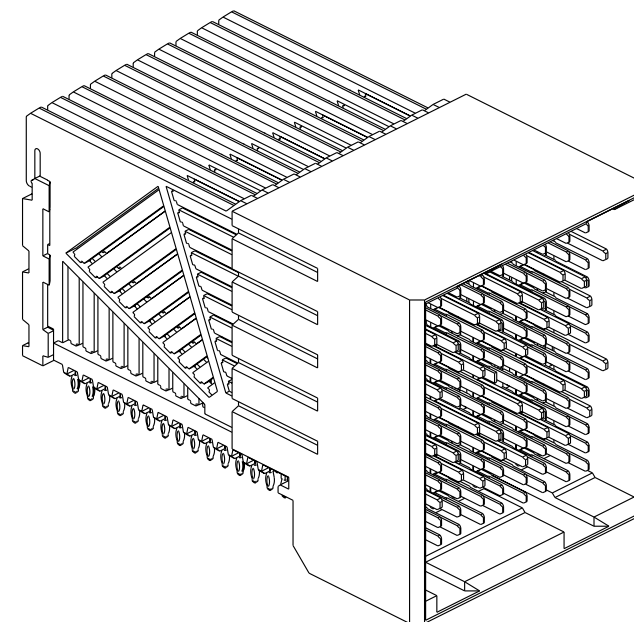
PRESS-FIT TAILS: SEE TABLE

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.



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

D