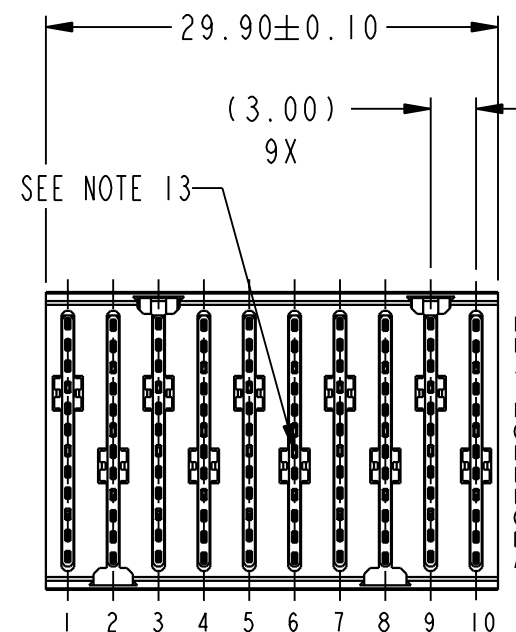
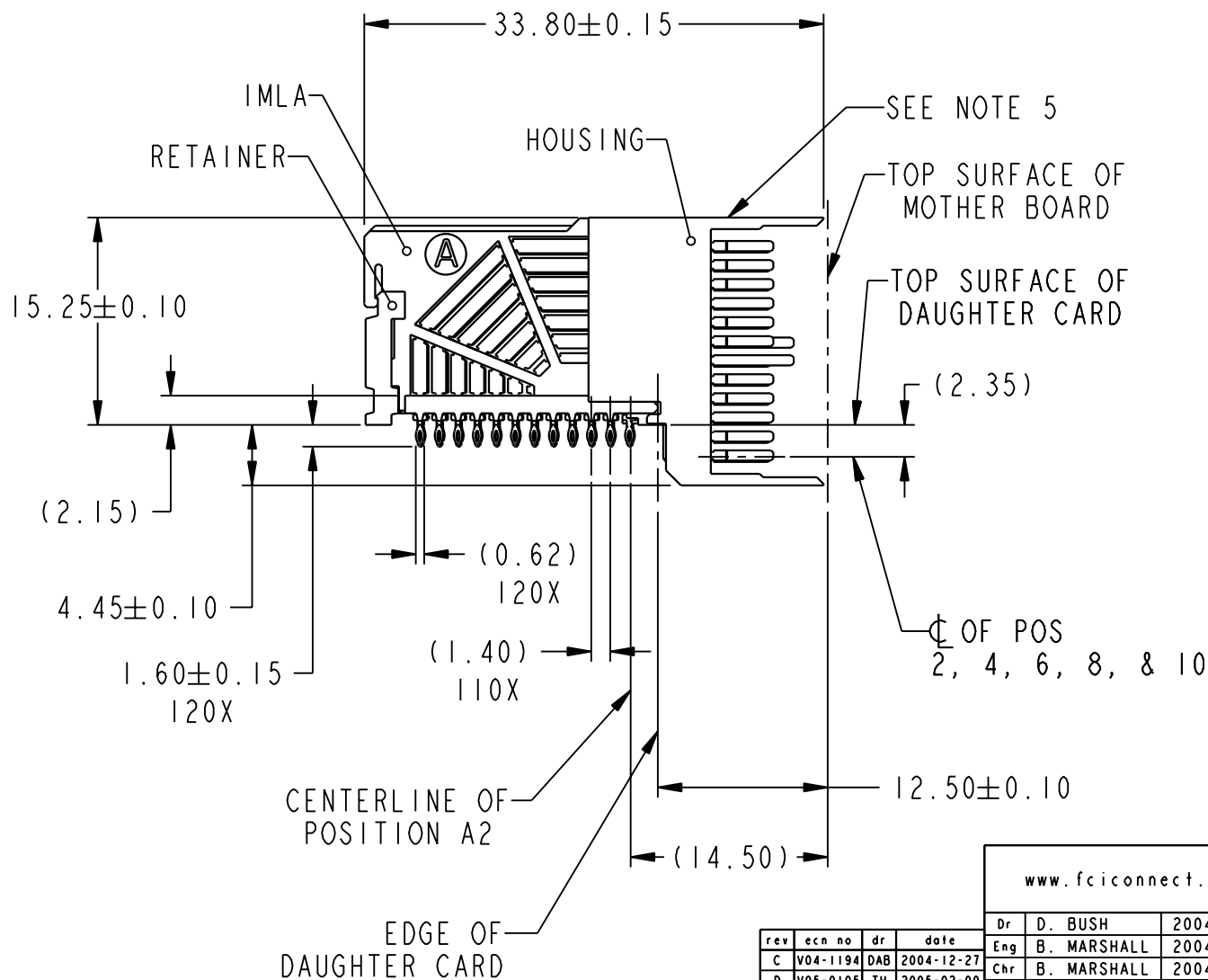




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Product number
SEE TABLE, SHEET 5



rev	ecn no	dr	date
C	V04-1194	DAB	2004-12-27
D	V05-0105	TH	2005-02-09
E	V05-0226	MRS	2005-03-07
F	V05-0792	SAW	2005-08-18
G	V06-0209	LRJ	2006-03-01
H	V06-0531	SCS	2006-06-07
J	V06-0956	WJS	2006-09-13

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	B. MARSHALL	2004-10-13	0° ±°		0.XXX	±		ECN		***	
Appr	B. MARSHALL	2004-10-13	Product family AirMax VS					Spec ref			
			title AirMax VS R/A HEADER ASSY					dwg no 10035514		Rev J	
			PRESS-FIT, 120 POS, 30MM								
catalog no			-					CUSTOMER		sheet 1 of 5	

REV F - 2006-04-17

3PDM: Rev:J

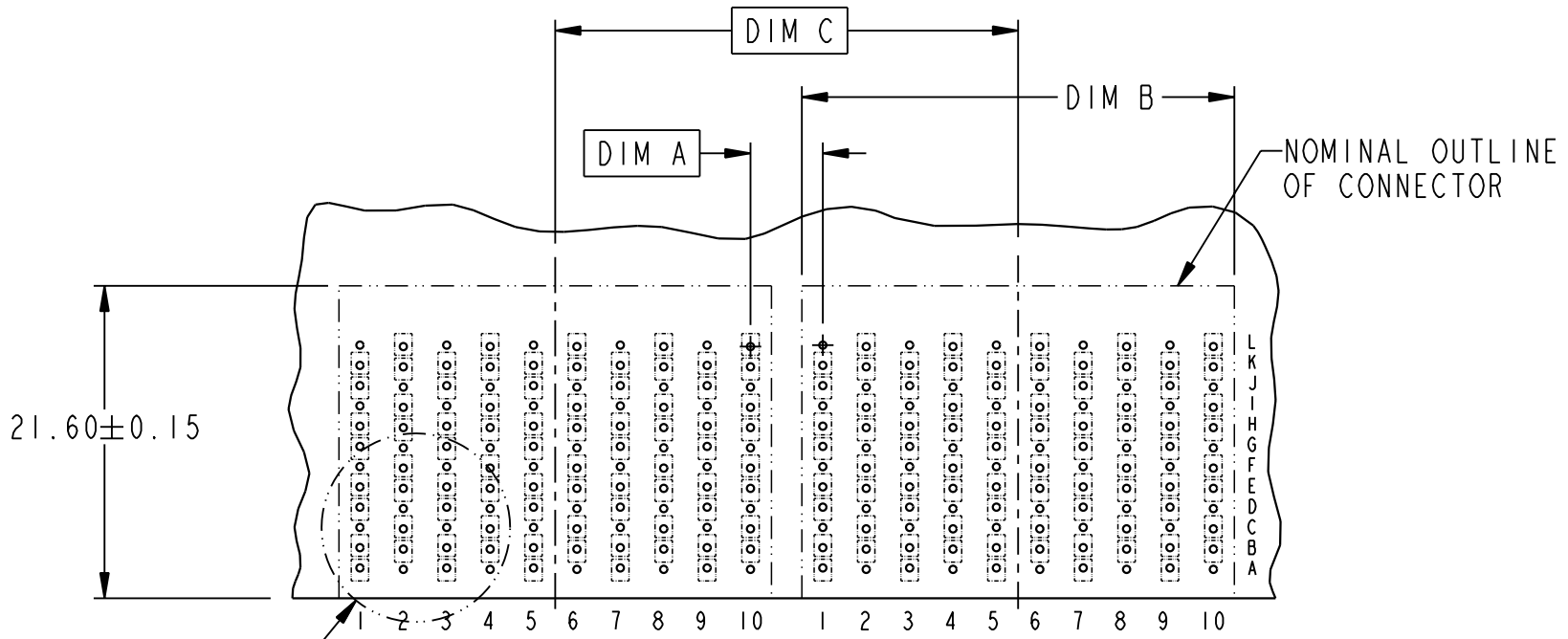
STATUS:Released

4Printed: Dec 01, 2010



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DESCRIPTION	DIM A	DIM B	DIM C
2-30MM MODULES PLACED END-TO-END	3.00	29.90 2X	30.00
1-30MM MODULE & 1-32MM MODULE PLACED END-TO-END	4.00	29.90 1X & 31.90 1X	31.00



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



title AirMax VS R/A HEADER ASSY
PRESS-FIT, 120 POS, 30MM
catalog no -

dwg no 10035514

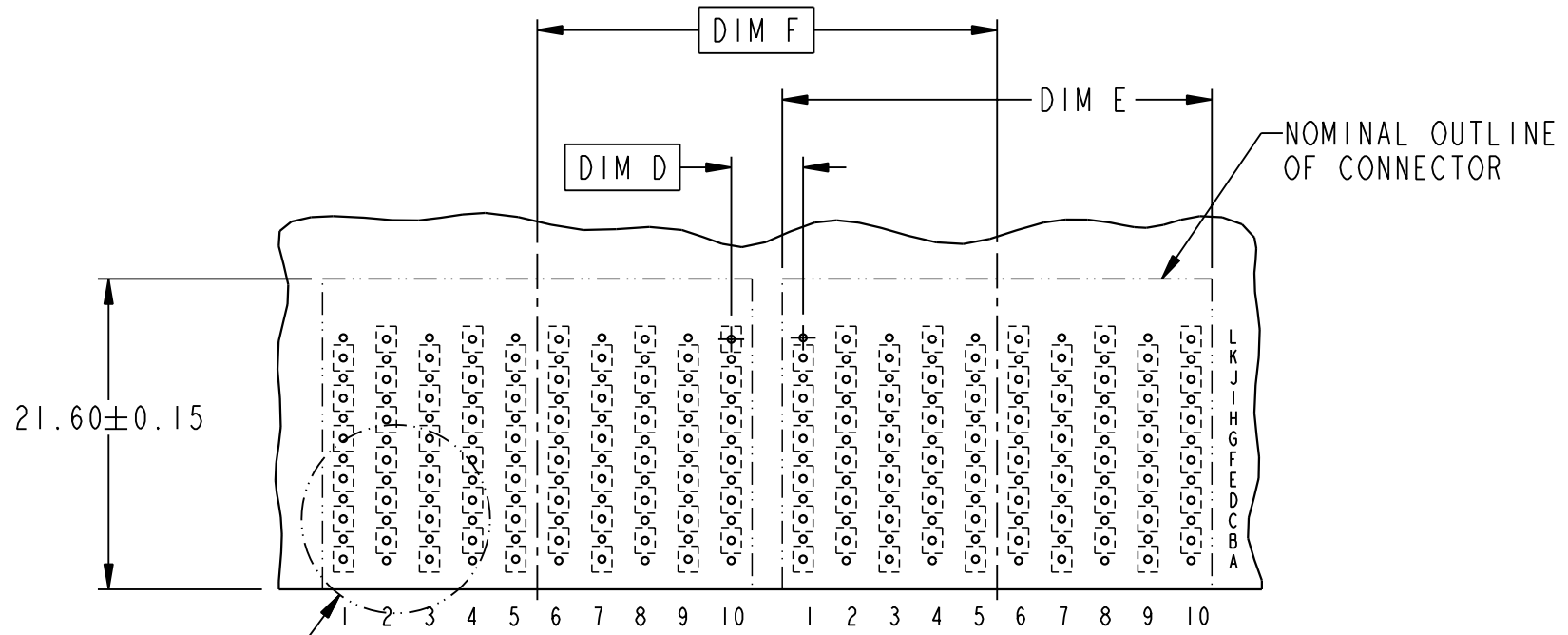
Rev. J

CUSTOMER sheet 2 of 5



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DESCRIPTION	DIM D	DIM E	DIM F
2-30MM MODULES PLACED END-TO-END	3.00	29.90 2X	30.00
1-30MM MODULE & 1-32MM MODULE PLACED END-TO-END	4.00	29.90 1X & 31.90 1X	31.00



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, 120 POS, 30MM
catalog no -

dwg no	10035514	Rev.	J
CUSTOMER		sheet 3 of 5	



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SEE NOTE 9
 $\varnothing 0.10$
ALL HOLES

ANTIPAD WIDTH =
 $3.0 - (4 \text{ TRACES} + 3 \text{ SPACES})$
TYP

3.00 TYP

GND POSITION
(0.100)

3.200
TYP.

2.000
 $\varnothing$ OF POS
2, 4, 6, 8, & 10

1.40 IIX

2.100
 $\varnothing$ OF POS
1, 3, 5, 7, & 9

DETAIL A
SCALE 4:1

ANTIPAD WIDTH =
 $3.0 - (4 \text{ TRACES} + 3 \text{ SPACES})$
TYP

3.00 TYP

GND POSITION
(0.100)

SEE NOTE 9
 $\varnothing 0.10$
ALL HOLES

1.800 TYP

1.40 IIX

2.100
 $\varnothing$ OF POS
1, 3, 5, 7, & 9

DETAIL B
SCALE 4:1

2.000
 $\varnothing$ OF POS
2, 4, 6, 8, & 10



title AirMax VS R/A HEADER ASSY
PRESS-FIT, 120 POS, 30MM
catalog no -

dwg no 10035514
Rev. J
CUSTOMER sheet 4 of 5

A

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10035514-101	TIN/LEAD ALLOY OVER NICKEL	NO
10035514-101LF	TIN OVER NICKEL (LEAD FREE)	
10035514-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10035514-111LF	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
PRESS-FIT TAILS: SEE TABLE

3. PRODUCT SPECIFICATION: GS-12-239

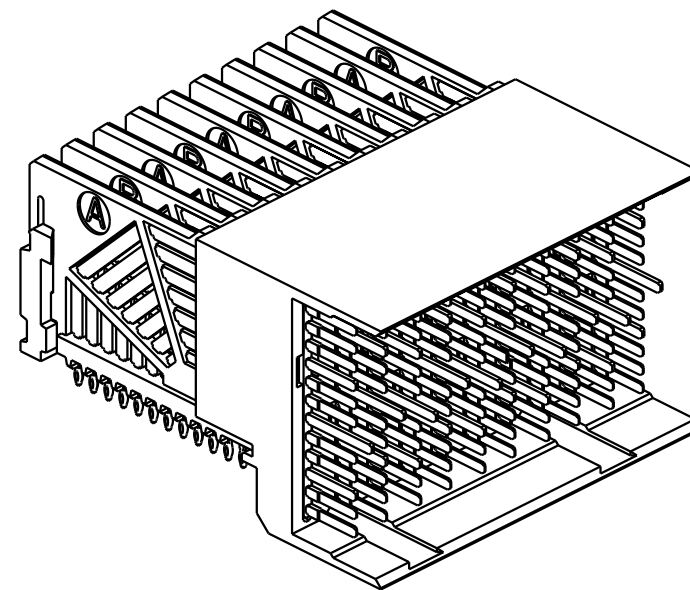
4. APPLICATION SPECIFICATION: GS-20-035

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. THIS 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 F6 HAS 0.5mm LESS NOMINAL WIPE THAN
THE SHORTEST SIGNAL PIN.

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D



title AirMax VS R/A HEADER ASSY
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Rev.
J

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Mouser Electronics

Authorized Distributor

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[10035514-101LF](#)