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Product number
SEE TABLE, SHEET 5

A

B

C

D

RETAINER

IMLA

HOUSING

NOTE 5

TOP SURFACE OF
MOTHER BOARD

TOP SURFACE OF
DAUGHTER CARD

19.85 ± 0.10

38.00 ± 0.15

(2.15)

4.85 ± 0.10

1.60 ± 0.15
150X

(0.62)
150X

(1.40)
140X

CENTERLINE OF
POSITION A2

EDGE OF
DAUGHTER CARD

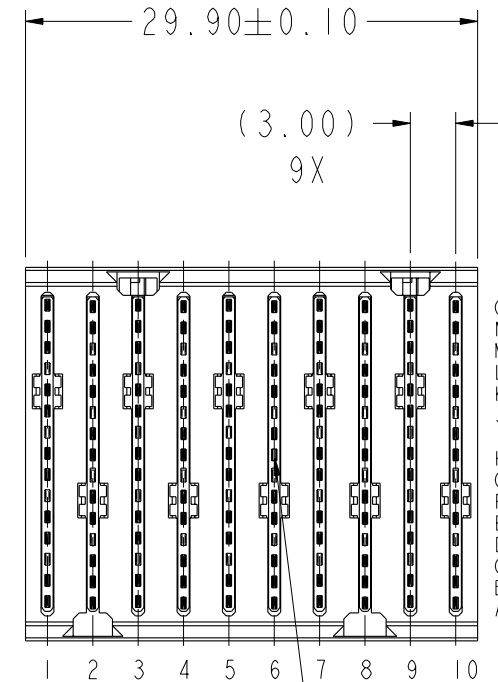


(2.35)

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

12.50 ± 0.10

(14.50)



A

B

C

D

REV F - 2006-04-17

rev	ecn no	dr	date
A	S06-0112	CH	2006-03-31
B	S06-0374	DG	2006-12-21
C	S09-0279	YK	2009-09-07
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 3.2 ASME Y14.5		tolerance std ASME Y14.5		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	D. BUSH	2004-10-25	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°	±°	0.XXX		±	ECN		S09-0279	
Appr	JOEY NG	2009-09-07	Product family AirMax VS					Spec ref			
		title	AirMax VS R/A HEADER ASSY					dwg no	10037323		Rev. C
			PRESS-FIT, 150 POS, 30MM								
			catalog no								
								-	CUSTOMER		sheet 1 of 5

PDM: Rev:C

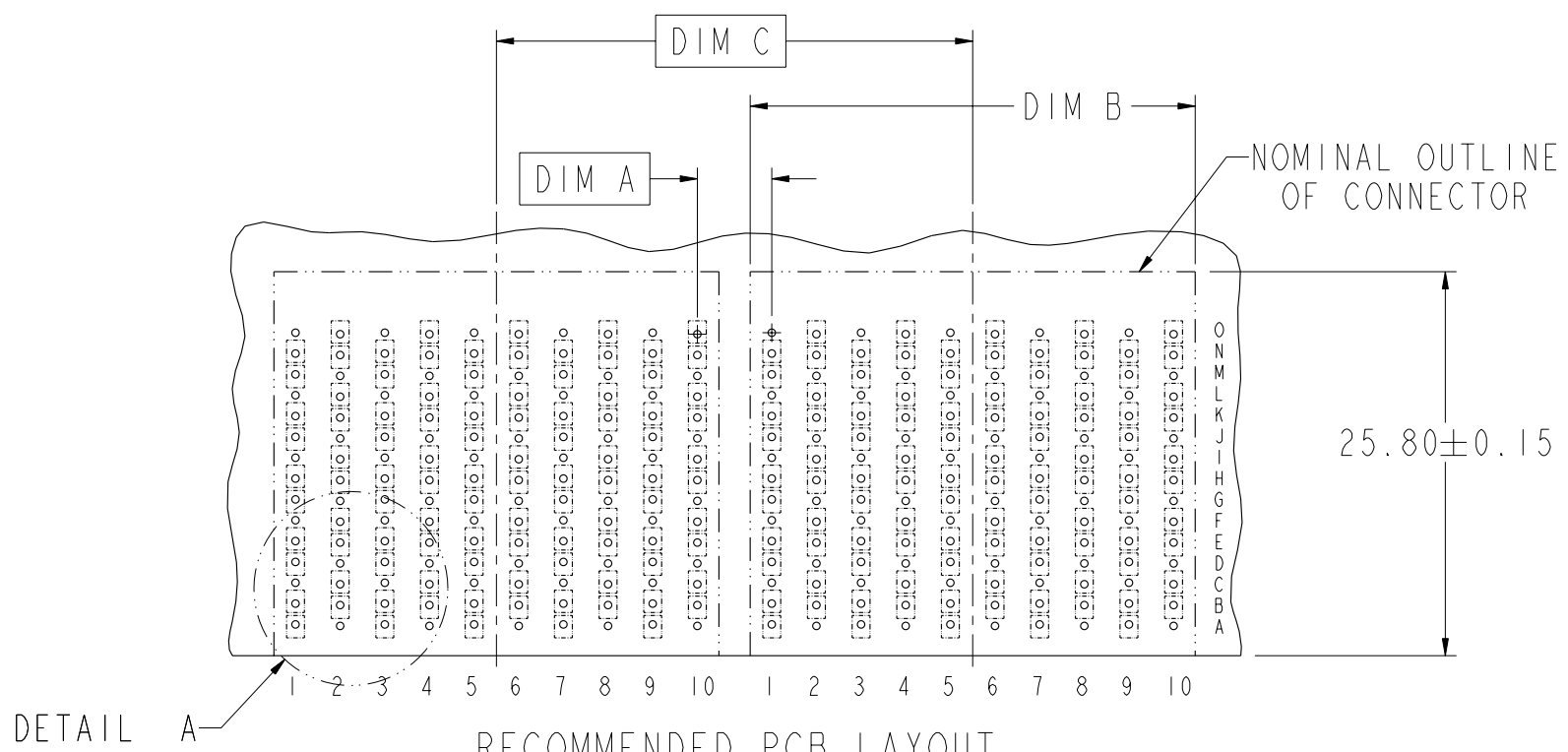
STATUS: Released

Printed: 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



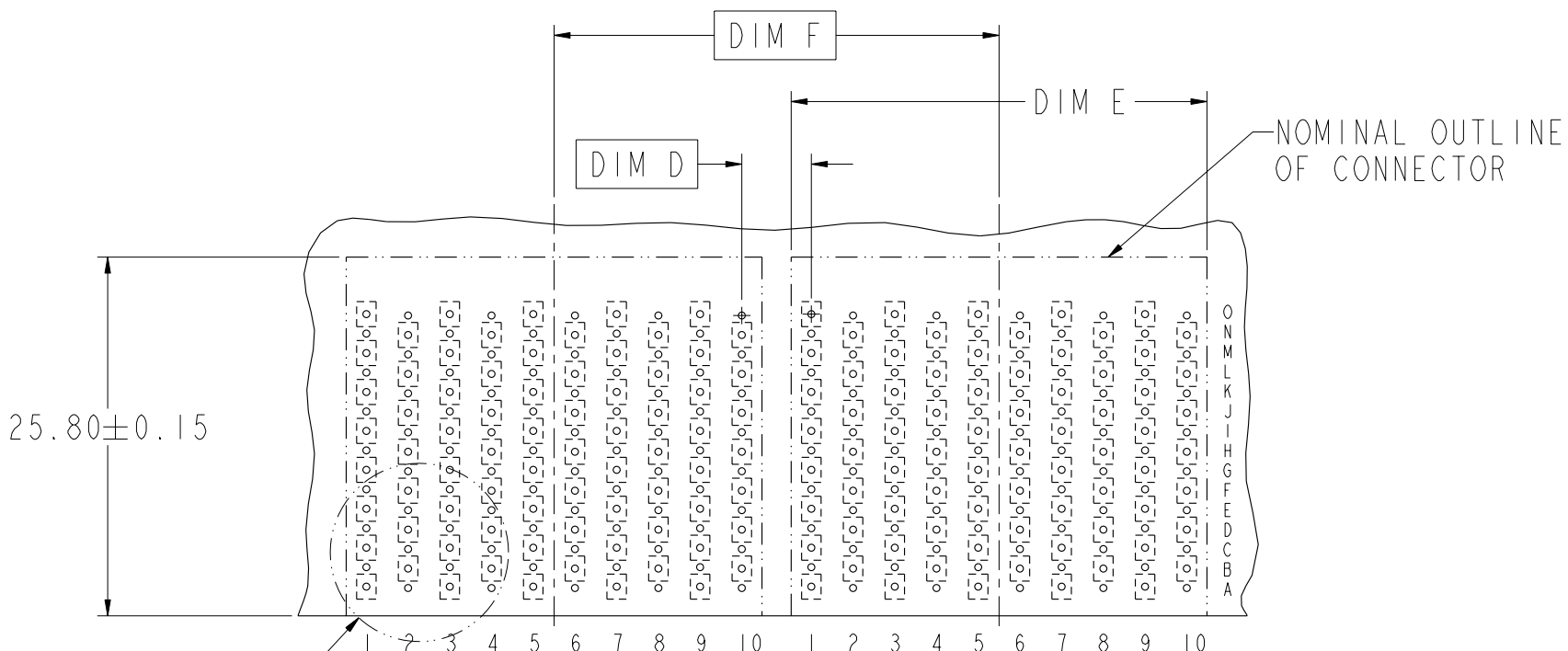
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

	title	AirMax VS R/A HEADER ASSY		dwg no	10037323		Rev. C
		PRESS-FIT, 150 POS, 30MM					
	catalog no	-			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



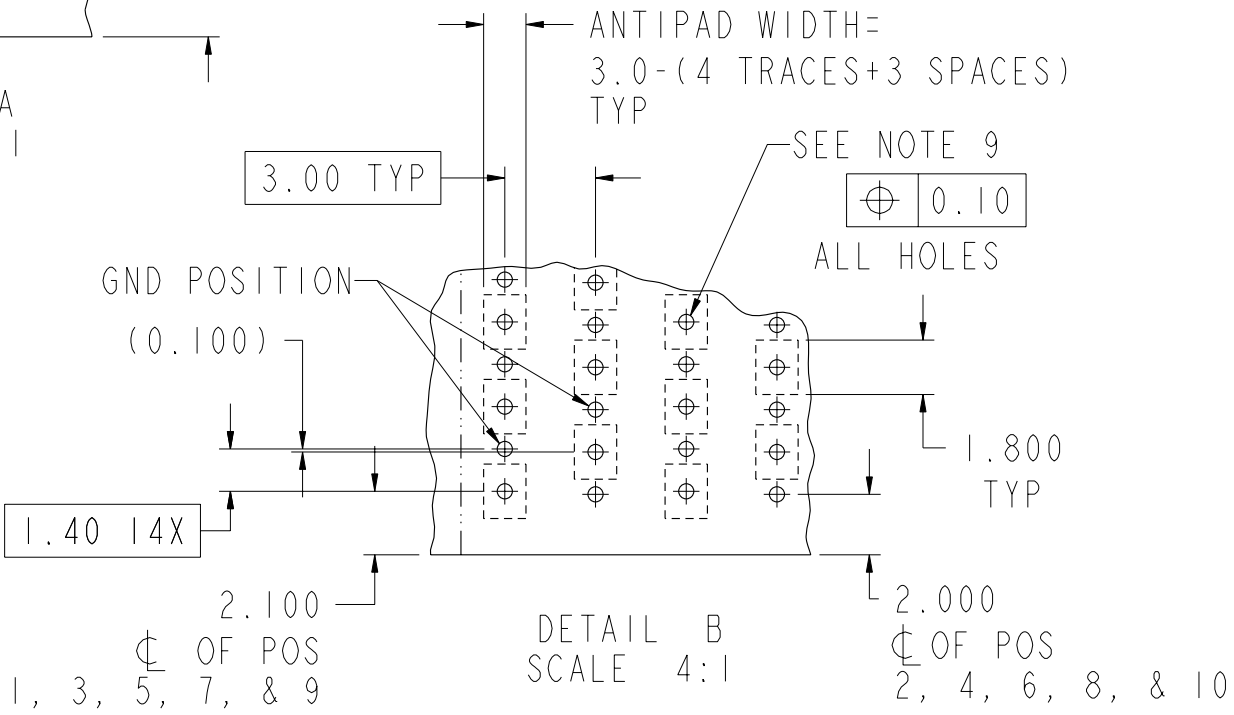
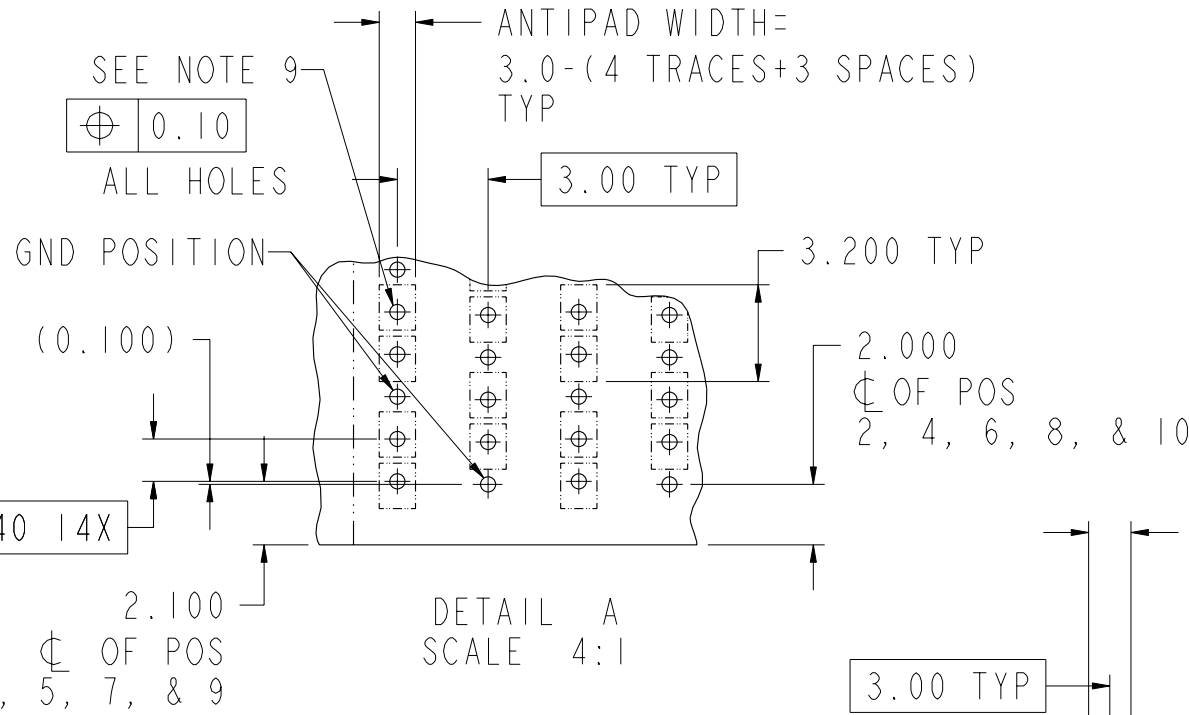
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



title	AirMax VS R/A HEADER ASSY PRESS-FIT, 150 POS, 30MM	dwg no	10037323	Rev.	C
catalog no	-	CUSTOMER	sheet 3 of 5		



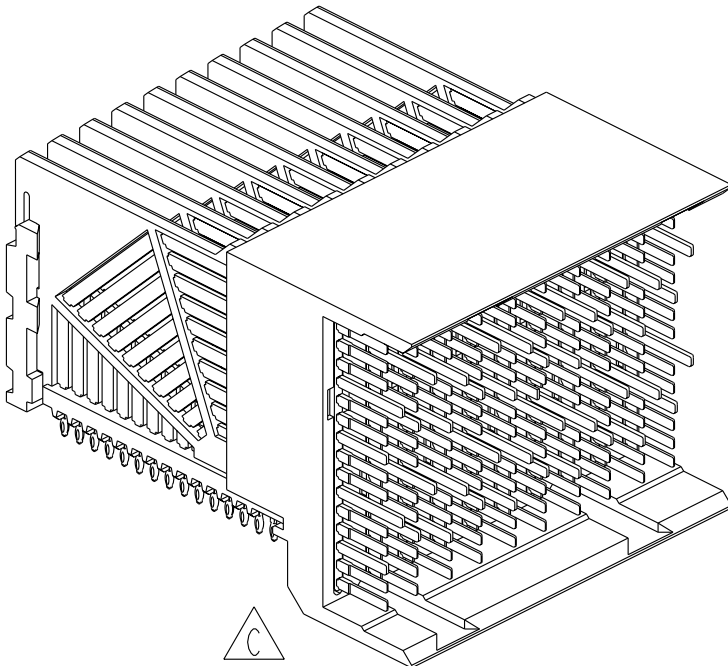
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title AirMax VS R/A HEADER ASSY
PRESS-FIT, 150 POS, 30MM
catalog no -

dwg no 10037323
CUSTOMER

Rev. C
sheet 4 of 5

PART NUMBER		PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	
10037323-101		TIN/LEAD ALLOY OVER NICKEL	NO	
10037323-101LF		TIN OVER NICKEL (LEAD FREE)		
10037323-111		TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)	
10037323-111LF		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  SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH
THE CURRENT DRAWING REVISION.



title

AirMax VS R/A HEADER ASSY
PRESS-FIT, 150 POS, 30MM

catalog no

-

dwg no

10037323

CUSTOMER

sheet 5 of 5

Rev.

C

Mouser Electronics

Authorized Distributor

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[10037323-101LF](#)