



Copyright FCI.

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

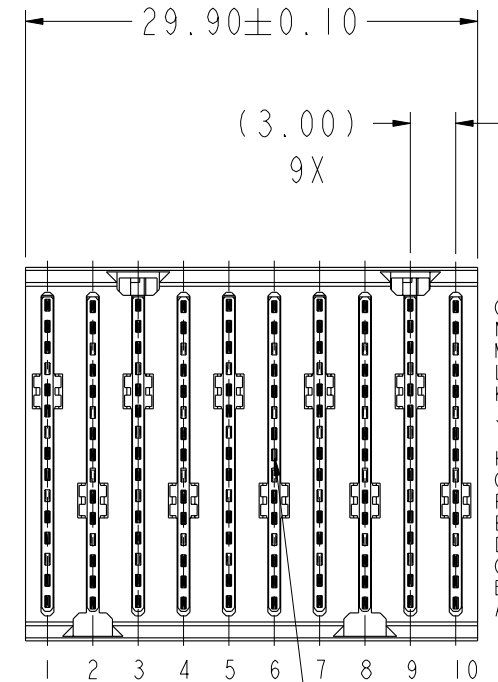


(2.35)

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

12.50 ± 0.10

(14.50)



A

B

C

D

rev	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 PRESS-FIT, 150 POS, 30MM				dwg no 10037323				Rev. C		
			catalog no				-				CUSTOMER		sheet 1 of 5

REV F - 2006-04-17

1

2

PDM: Rev:C

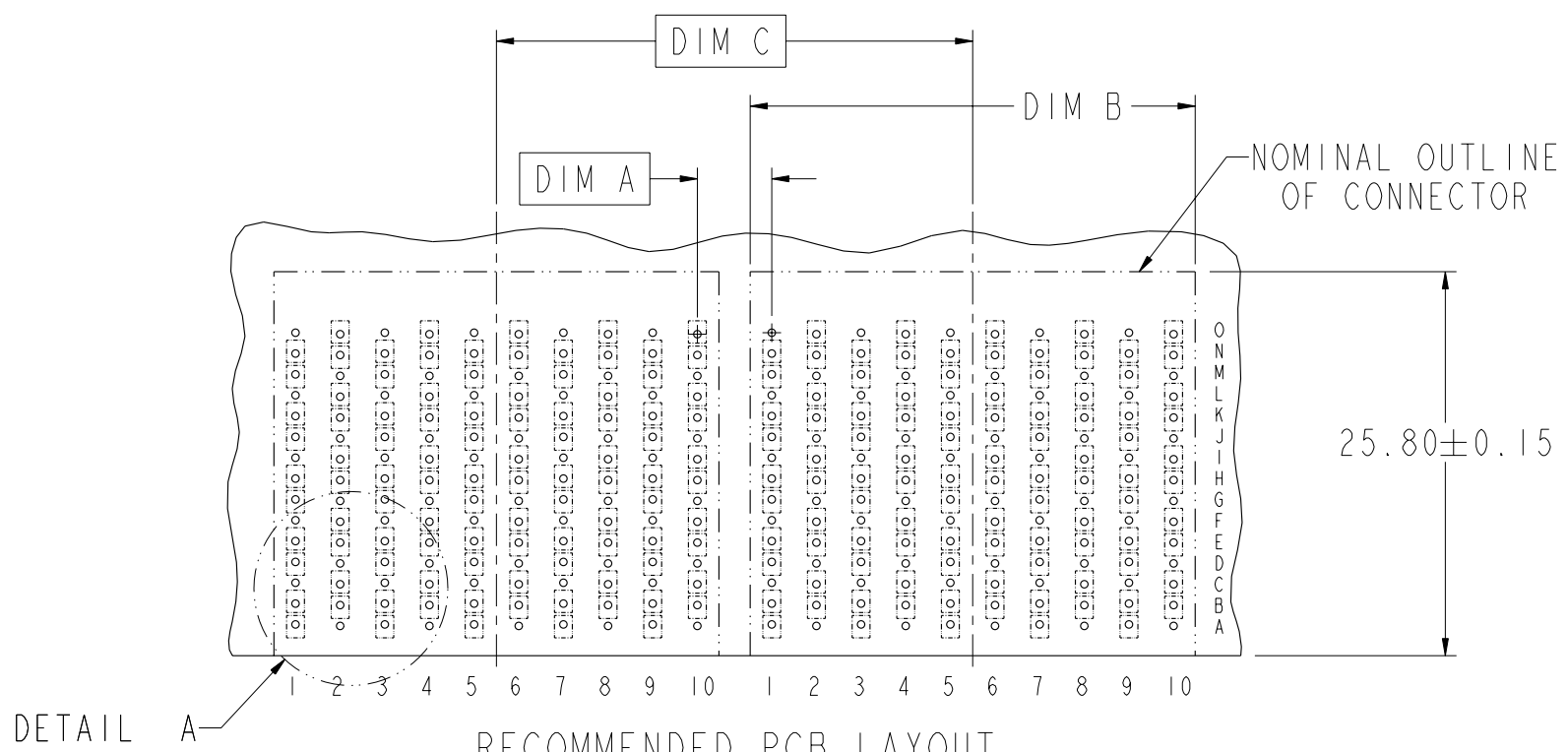
STATUS: Released

4 Printed: Dec 01, 2010



Copyright FCI.

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



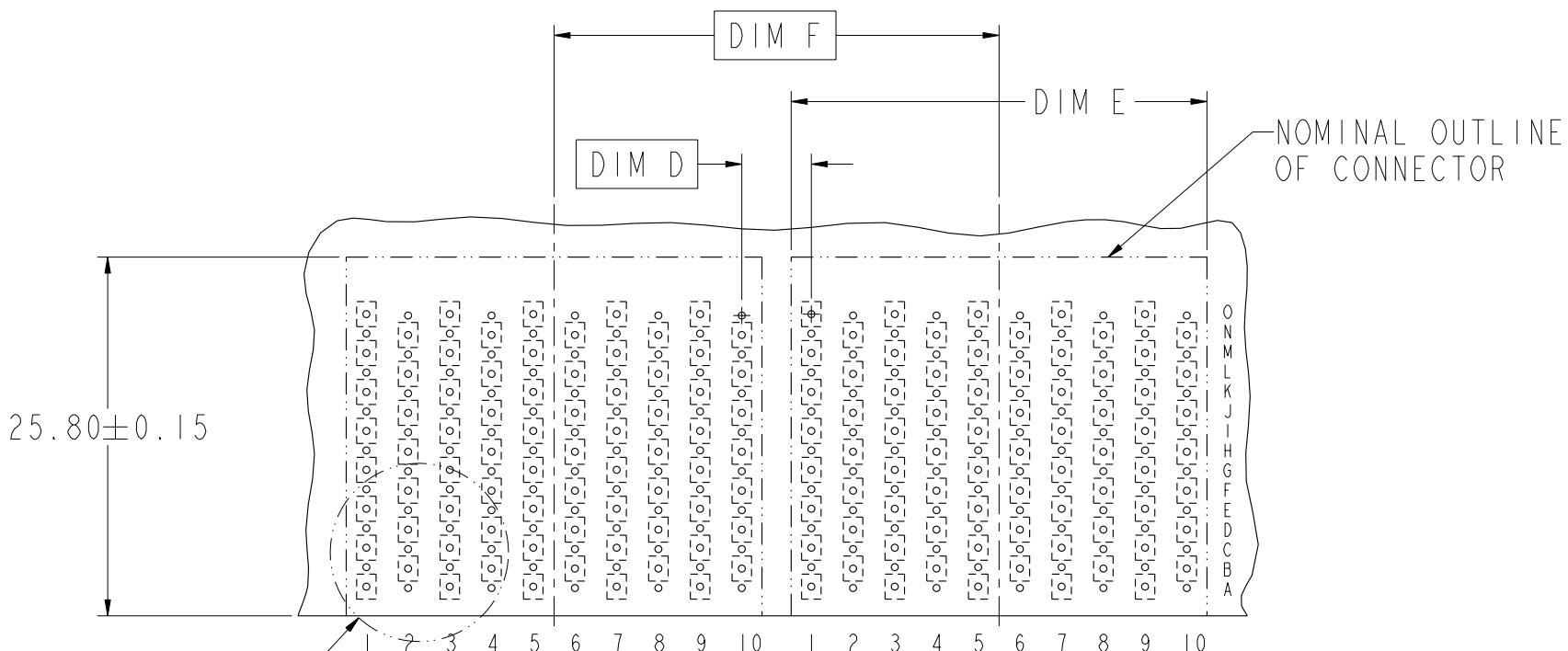
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

	title	AirMax VS R/A HEADER ASSY		dwg no	10037323		Rev. C
		PRESS-FIT, 150 POS, 30MM					
	catalog no	-		CUSTOMER		sheet 2 of 5	



Copyright FCI.

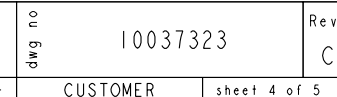
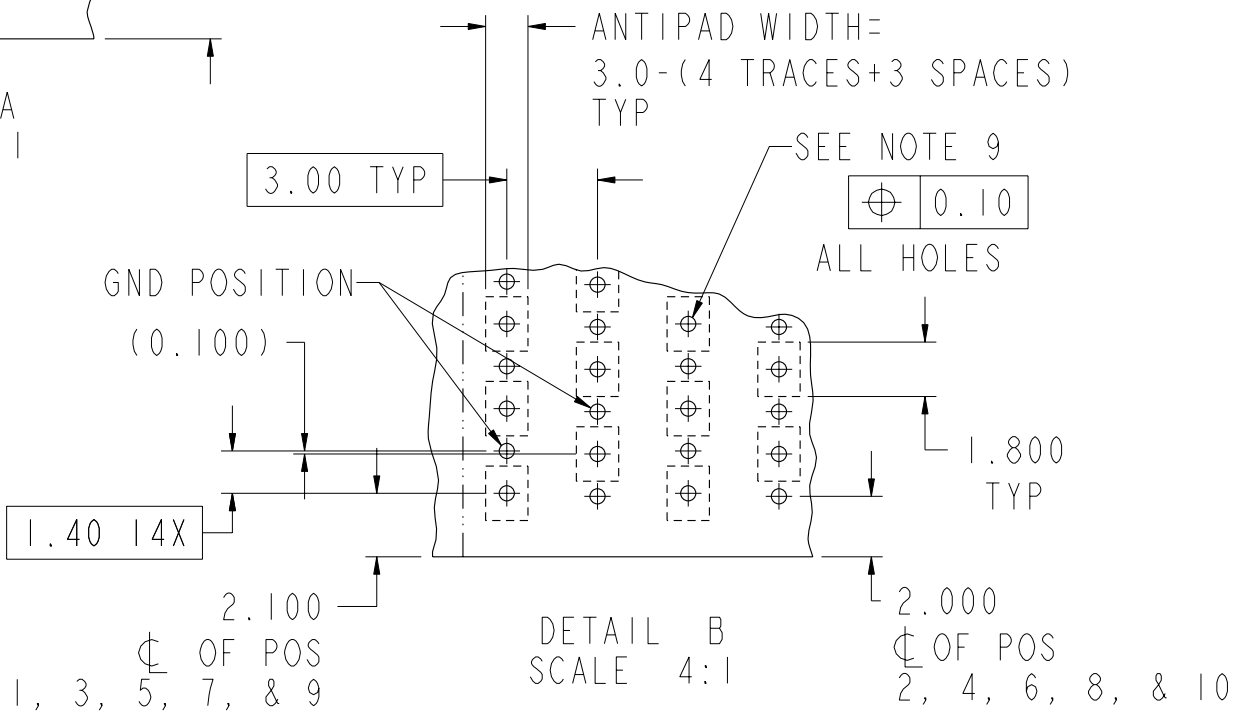
DESCRIPTION	DIM D	DIM E	DIM F
2-30MM MODULES PLACED END-TO-END	3.00	29.90 2X	30.00
1-30MM MODULE & 1-32MM MODULE PLACED END-TO-END	4.00	29.90 1X & 31.90 1X	31.00



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		



A

B

C

D

3

4

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

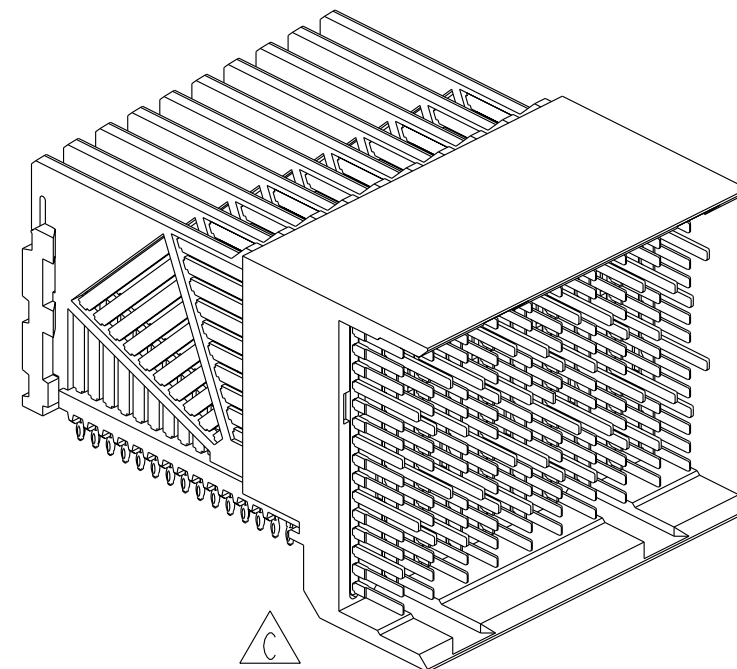
3. PRODUCT SPECIFICATION: GS-12-239

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 MODULES⑦. 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

Rev.

C

CUSTOMER

sheet 5 of 5