



Copyright FCI.

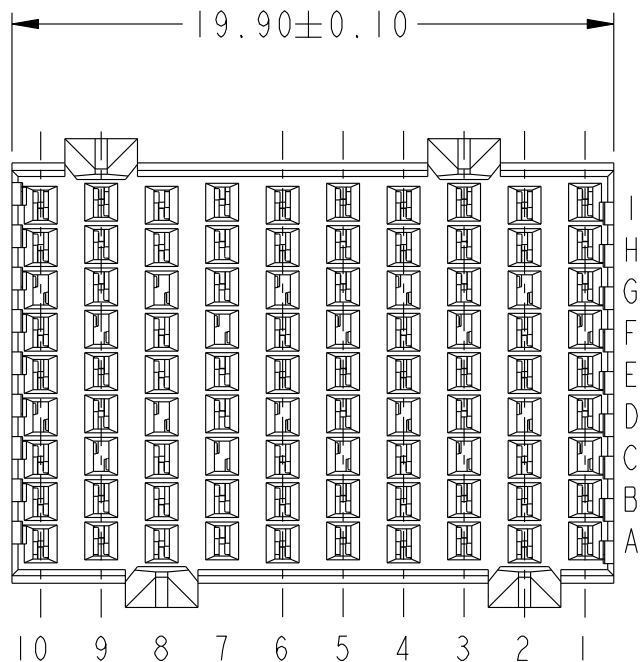
PRODUCT NUMBER  
SEE TABLE, SHEET 5

A

B

C

D



NOTE 5

$15.50 \pm 0.10$

TOP SURFACE OF  
DAUGHTER CARD

$10.70 \pm 0.15$

(8.50)

$1.60 \pm 0.15$  96X

(13.90)

(2.35)

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




A

B

C

D

rev	ecn no	dr	date
A	V05-0461	LRJ	2006-02-24
B	S07-0043	LS	2007-02-08
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface - <input checked="" type="checkbox"/> ASME Y14.5		tolerance std - <input checked="" type="checkbox"/> ASME Y14.5		projection 		 MM			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	T. HOUTZ	2004-06-15	ANGULAR	LINEAR	0.X	±	size	A4	Scale	4:1		
Eng	S. MINICH	2004-06-15			0.XX	±						
Chr	C.H. TAN	2007-02-08			0.XXX	±						
Appr	JOEY NG	2007-02-08	Product family AirMax VS				ECN		***			
			Spec ref				RELEASED					
		title					dwg no			Rev		
		AirMax VS VERT RECPT ASSY					10034251			B		
		PRESS-FIT, 90 POS, 20MM										
		catalog no					-		CUSTOMER		sheet 1 of 5	

REV F - 2006-04-17

2

PDM: Rev:B

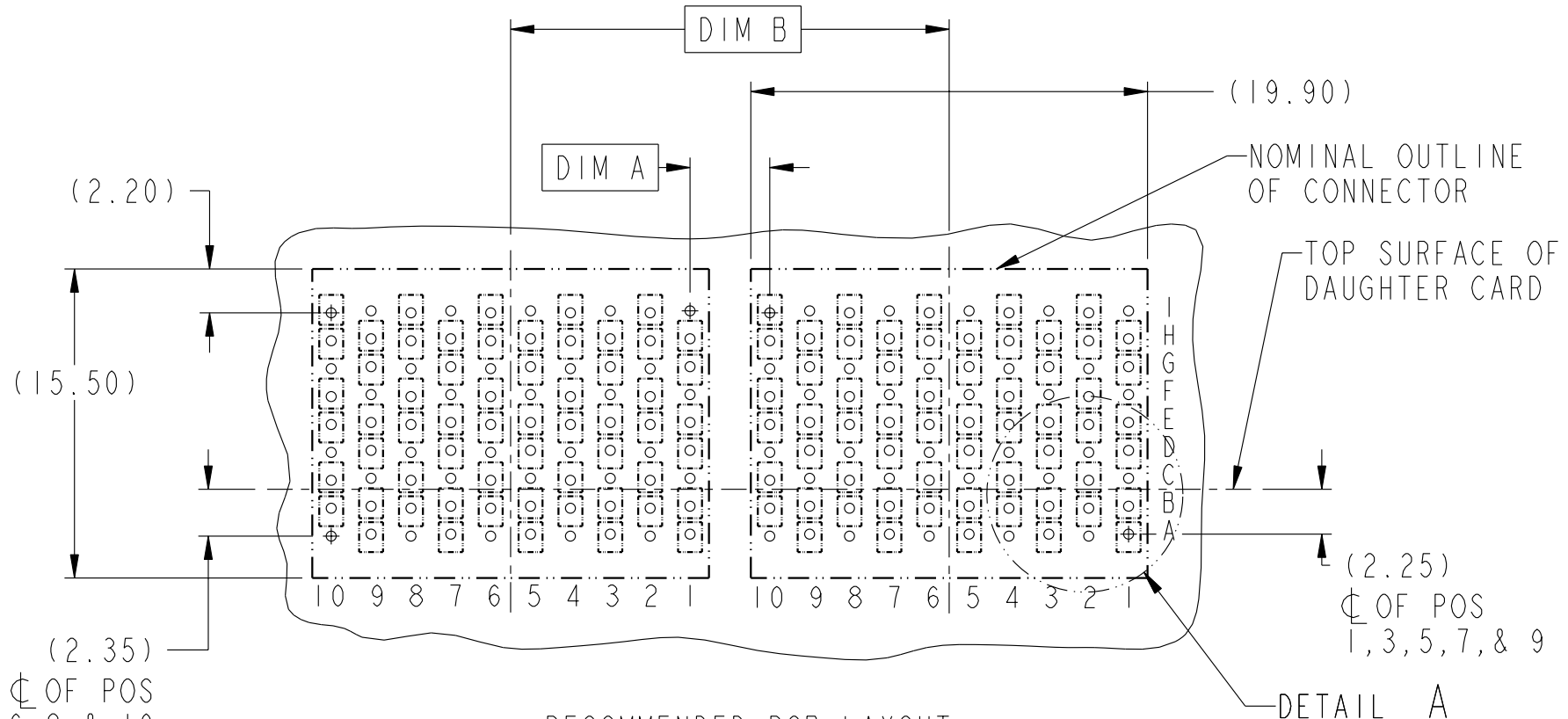
STATUS:Released

4 Printed: Jun 11, 2008



Copyright FCI.

ADJACENT HEADER WIDTHS	DIM A	DIM B
20MM/20MM	2.00	20.00
22MM/22MM	4.00	22.00
20MM/22MM	3.00	21.00



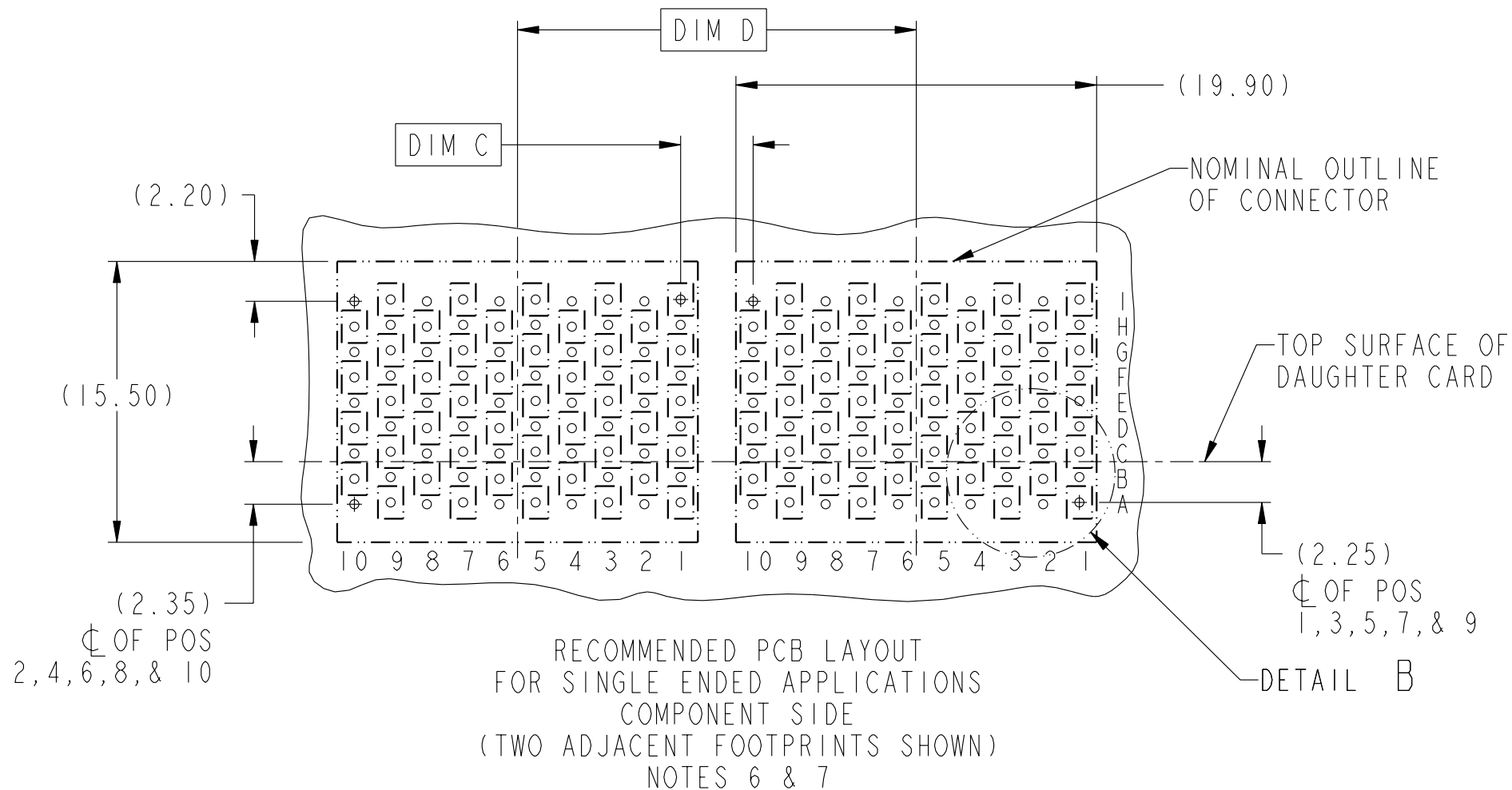
RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 6 & 7

	title	AirMax VS VERT RECPT ASSY PRESS-FIT, 90 POS, 20MM	dwg no	10034251	Rev.	B
	catalog no	-	CUSTOMER	sheet 2 of 5		



Copyright FCI.

ADJACENT HEADER WIDTHS	DIM C	DIM D
20MM/20MM	2.00	20.00
22MM/22MM	4.00	22.00
20MM/22MM	3.00	21.00



title AirMax VS VERT RECPT ASSY  
PRESS-FIT, 90 POS, 20MM  
catalog no -

dwg no 10034251

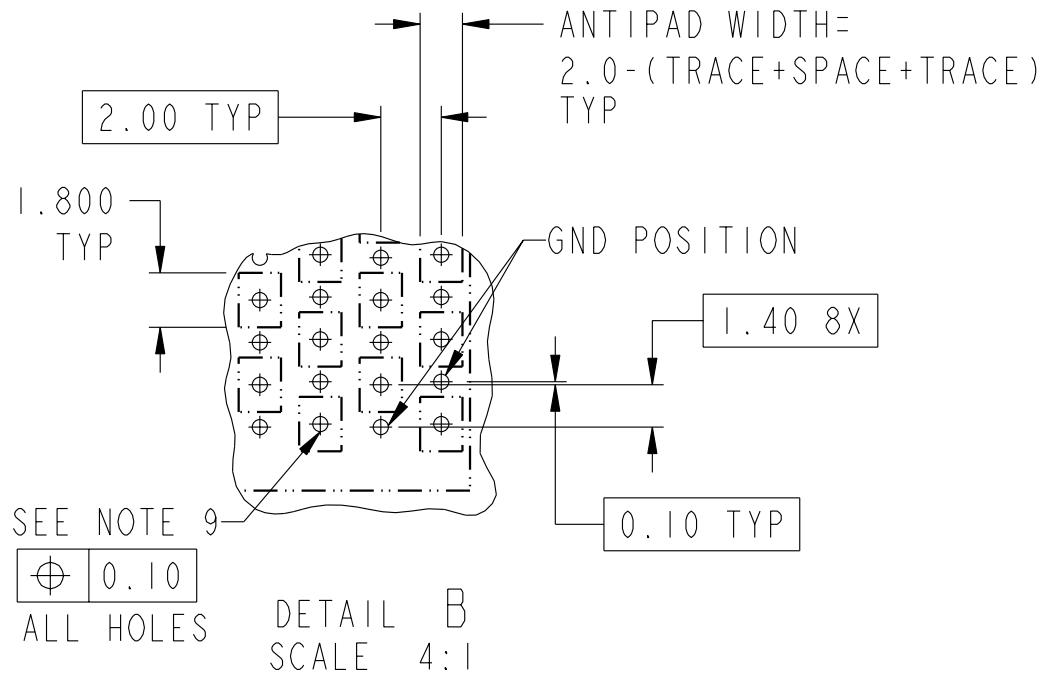
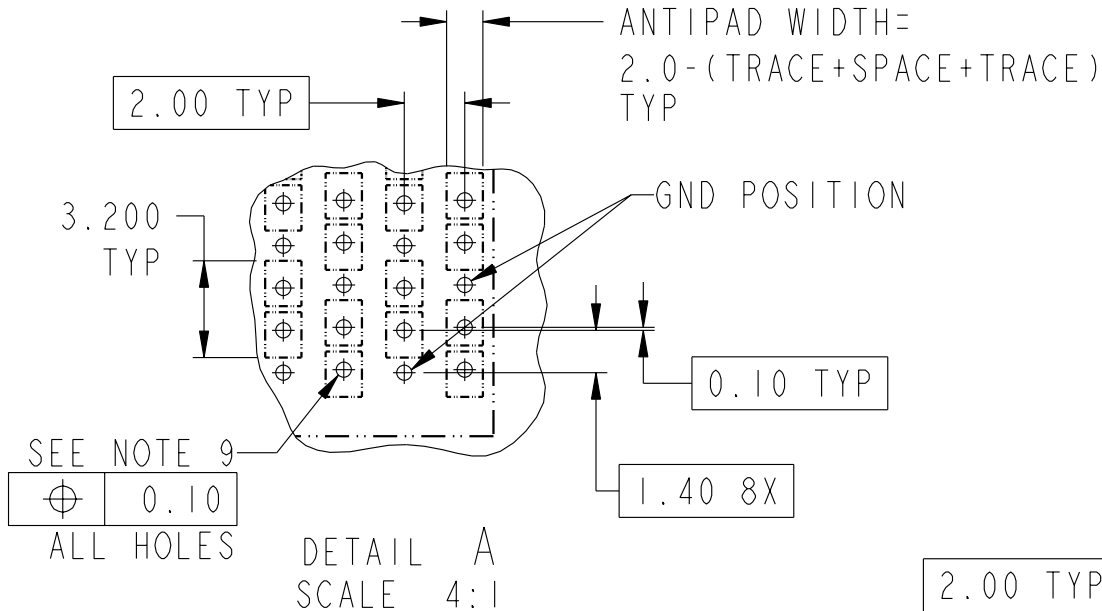
Rev. B

CUSTOMER sheet 3 of 5



Copyright FCI.

REV F - 2006-04-17



title AirMax VS VERT RECPT ASSY  
PRESS-FIT, 90 POS, 20MM  
catalog no -

dwg no 10034251

Rev. B

CUSTOMER sheet 4 of 5

PDM: Rev:B

STATUS:Released

4 Printed: Jun 11, 2008

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10034251-101	TIN/LEAD ALLOY OVER NICKEL
10034251-101LF	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 OF ODD NUMBERED COLUMNS AND POSITIONS G  
OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS

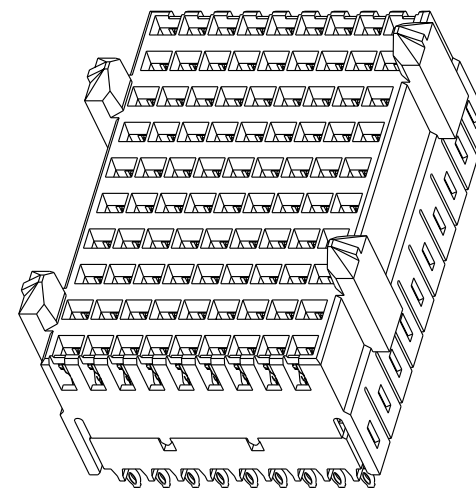
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM

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.



	title	AirMax VS VERT RECPT ASSY		dwg no	10034251		Rev	B
		PRESS-FIT, 90 POS, 20MM						
	catalog no	-			CUSTOMER	sheet 5 of 5		