

PRODUCT NUMBER

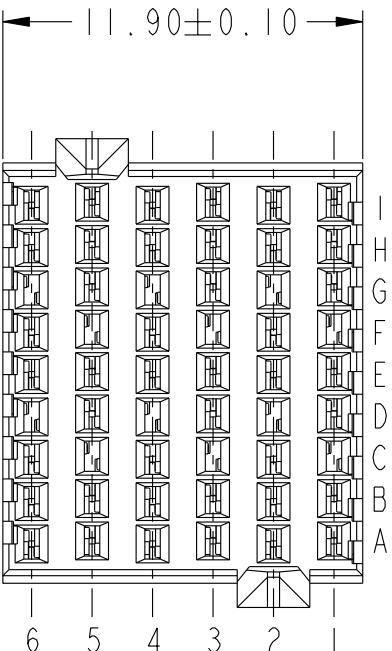
SEE TABLE, SHEET 5

A

B

C

D



NOTE 5

15.50 ± 0.10

10.70 ± 0.15

(8.50)

1.60 ± 0.15 54X

(13.90)

(2.35)  
C OF POS  
2, 4, & 6TOP SURFACE OF  
DAUGHTER CARD

www.fciconnect.com				surface -	tolerance std	projection	MM
rev	ecn no	dr	date	ASME Y14.5	ASME Y14.5		
A	V05-0461	LRJ	2006-02-24	✓	-		
B	S07-0043	LS	2007-02-08				
-	-	-	-				
-	-	-	-				
-	-	-	-				
-	-	-	-				
-	-	-	-				
Dr. G. HULL 2004-07-27				ANGULAR	0.X	size A4	Scale 4:1
Eng. S. MINICH 2004-07-27				LINEAR	0.XX		
Chr. C.H. TAN 2007-02-08				0°	±		
Appr. JOEY NG 2007-02-08				0.XXX	±	ECN ***	
Product family AirMax VS				Spec ref	RELEASED		
FCI							
AirMax VS VERT RECPT ASSY				dwg no	10043546		Rev. B
PRESS-FIT, 54 POS, 12MM				catalog no	-	CUSTOMER	sheet 1 of 5

ADJACENT HEADER  
WIDTHS

DIM A

DIM B

A

12MM/12MM

2.00

12.00

12MM/14MM

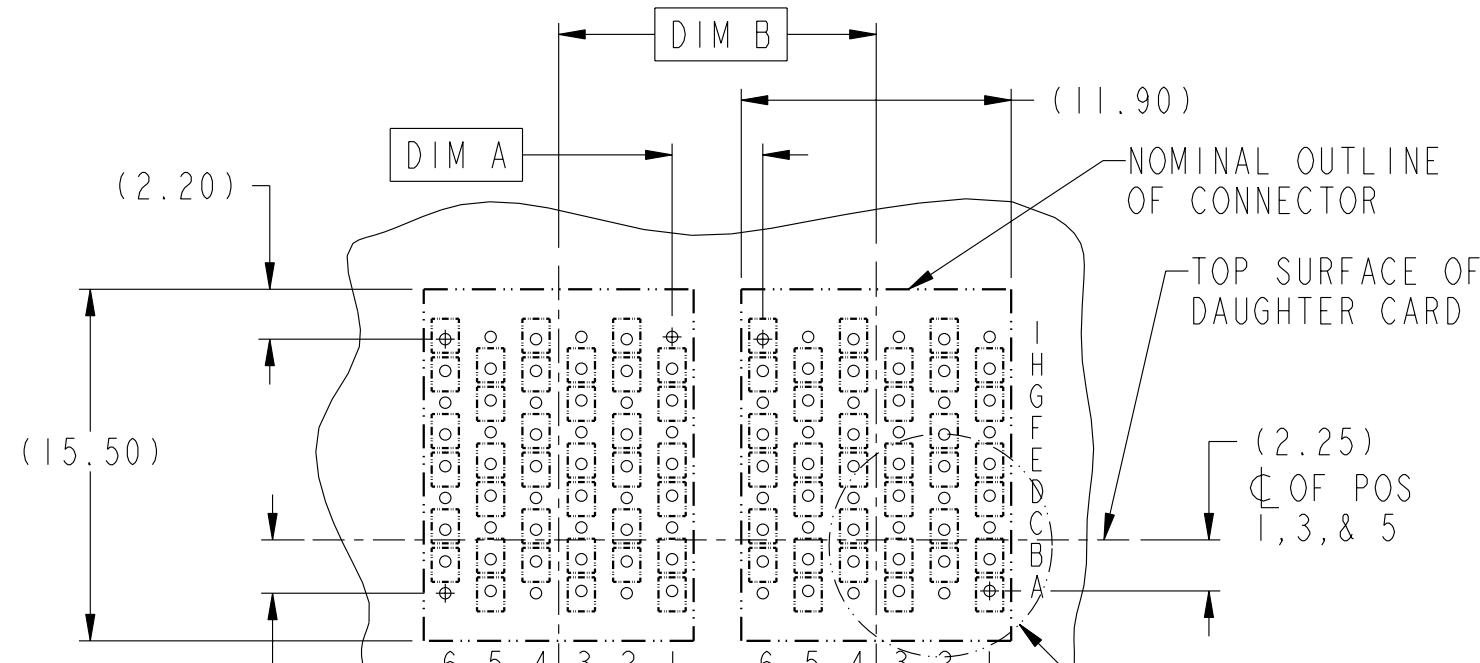
3.00

13.00

14MM/14MM

4.00

14.00



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

FCI

Copyright FCI.



ADJACENT HEADER  
WIDTHS

DIM C

DIM D

A

12MM/12MM

2.00

12.00

12MM/14MM

3.00

13.00

14MM/14MM

4.00

14.00

A

B

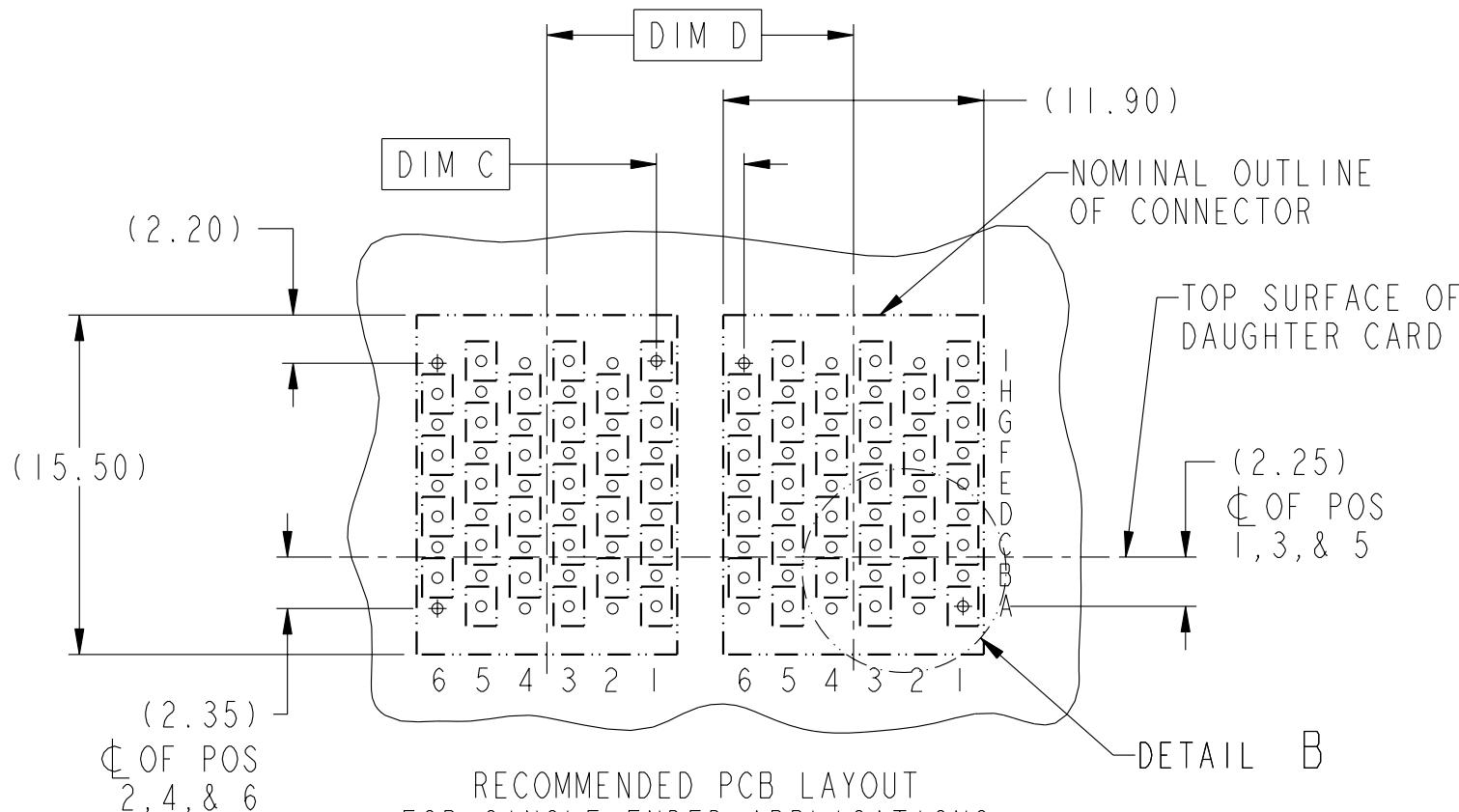
B

C

C

D

D



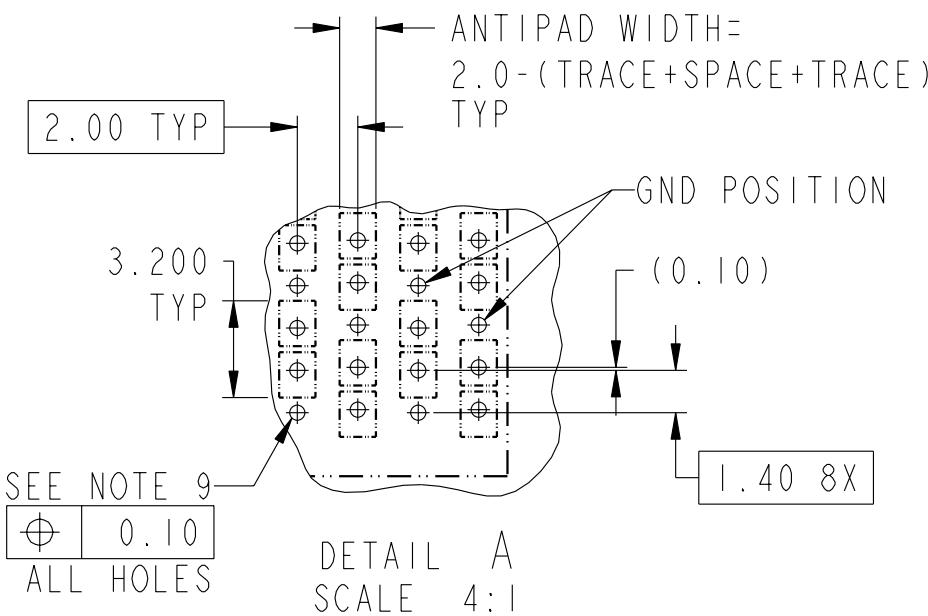
RECOMMENDED PCB LAYOUT  
FOR SINGLE ENDED APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 6 & 7



AirMax VS VERT RECPT ASSY  
PRESS-FIT, 54 POS, 12MM  
catalog no

dwg no 10043546  
Rev. B  
CUSTOMER

A



A

B

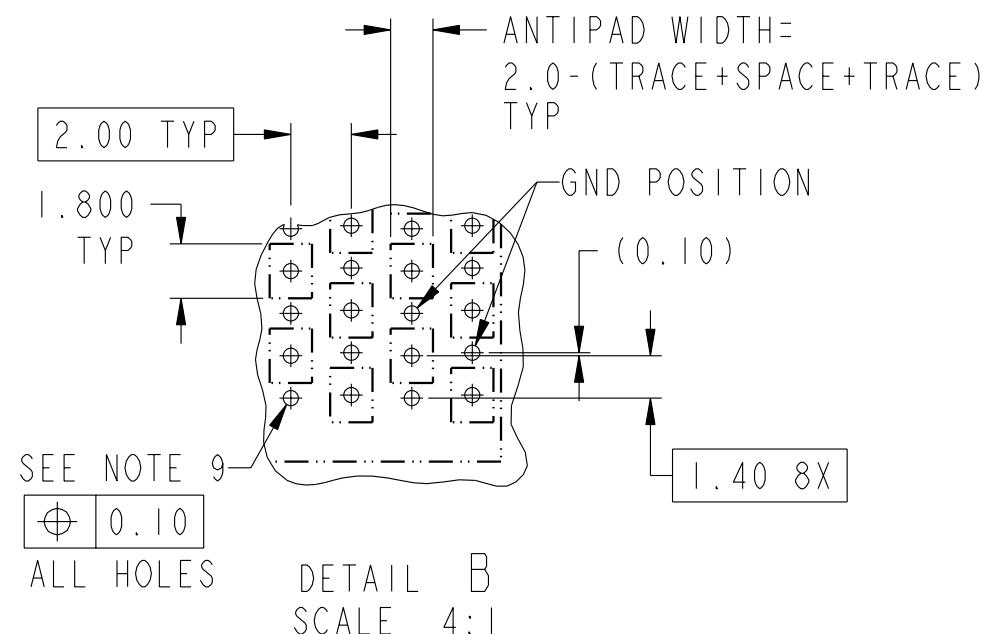
B

C

C

D

D



AirMax VS VERT RECPT ASSY  
PRESS-FIT, 54 POS, 12MM  
catalog no

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CUSTOMER

sheet 4 of 5

A

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10043546-101	TIN/LEAD ALLOY OVER NICKEL
10043546-101LF	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

B

## 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

C

## 3. PRODUCT SPECIFICATION: GS-12-239

## 4. APPLICATION SPECIFICATION: GS-20-035

C

## 5. PRODUCT MARKING, (PART NUMBER &amp; LOT CODE), ON THIS SURFACE

C

## 6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES

C

## 7. POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS

II. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.

D

## 8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM

12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

D

## 9. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.

<b>FCI</b>	Part No. AirMax VS VERT RECPT ASSY	Rev. B
	PRESS-FIT, 54 POS, 12MM	dwg no 10043546
catalog no	-	CUSTOMER sheet 5 of 5