

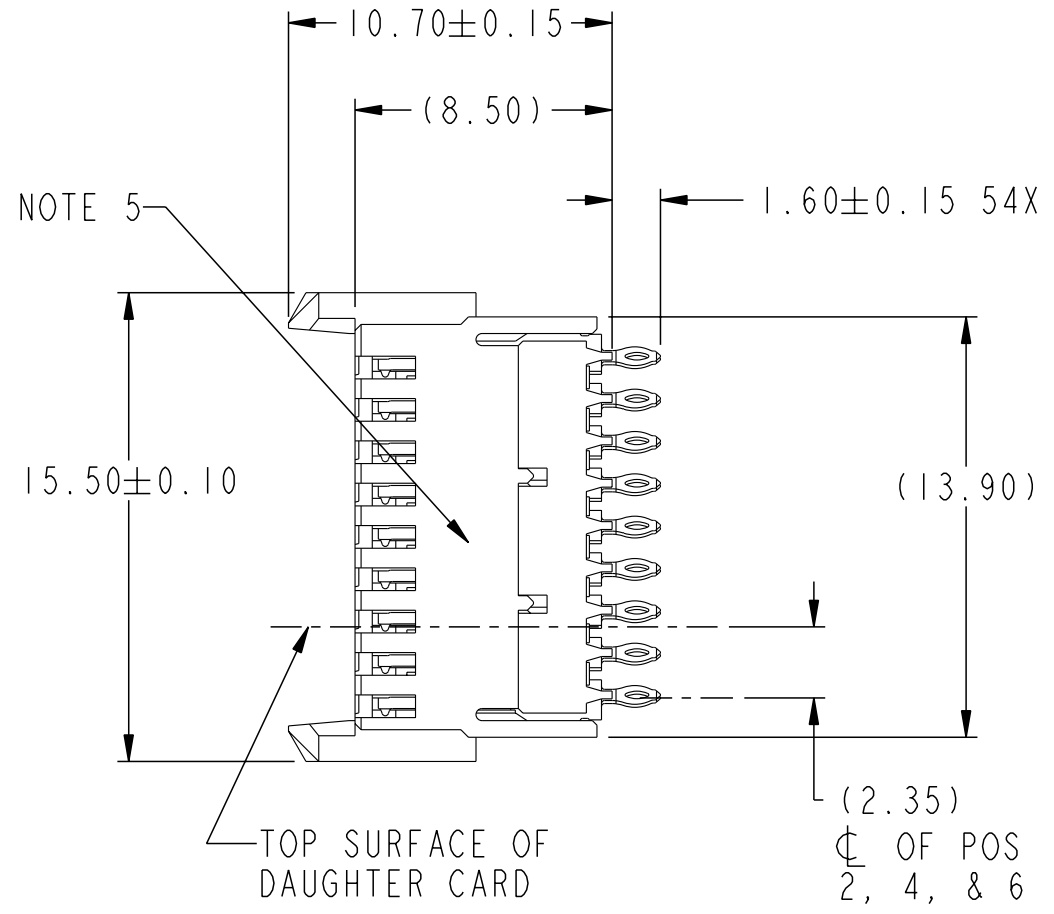
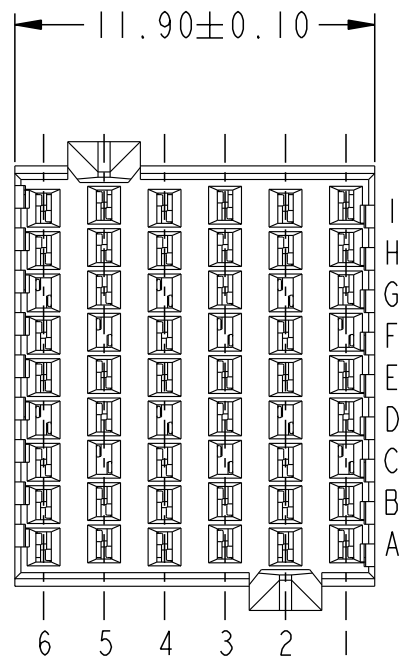
1

2

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4

PRODUCT NUMBER
SEE TABLE, SHEET 5



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		www.fciconnect.com		surface <input checked="" type="checkbox"/> ASME Y14.5	tolerance ASME Y14.5	projection	MM
Dr	G. HULL	7/27/04	Product family	AirMax VS	size	A4	Scale 4:1
Eng	S. MINICH	7/27/04	Spec ref		ECN	***	
Chr	S. MINICH	7/27/04	Material	SEE NOTES			
Appr							
title				AirMax VS VERT RECPT ASSY PRESS-FIT, 54 POS, 12MM		Rev. A	
catalog no				-		sheet 1 of 5	

rev	ecn no	dr	date
A	V05-0461	LRJ	02/24/06
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

1

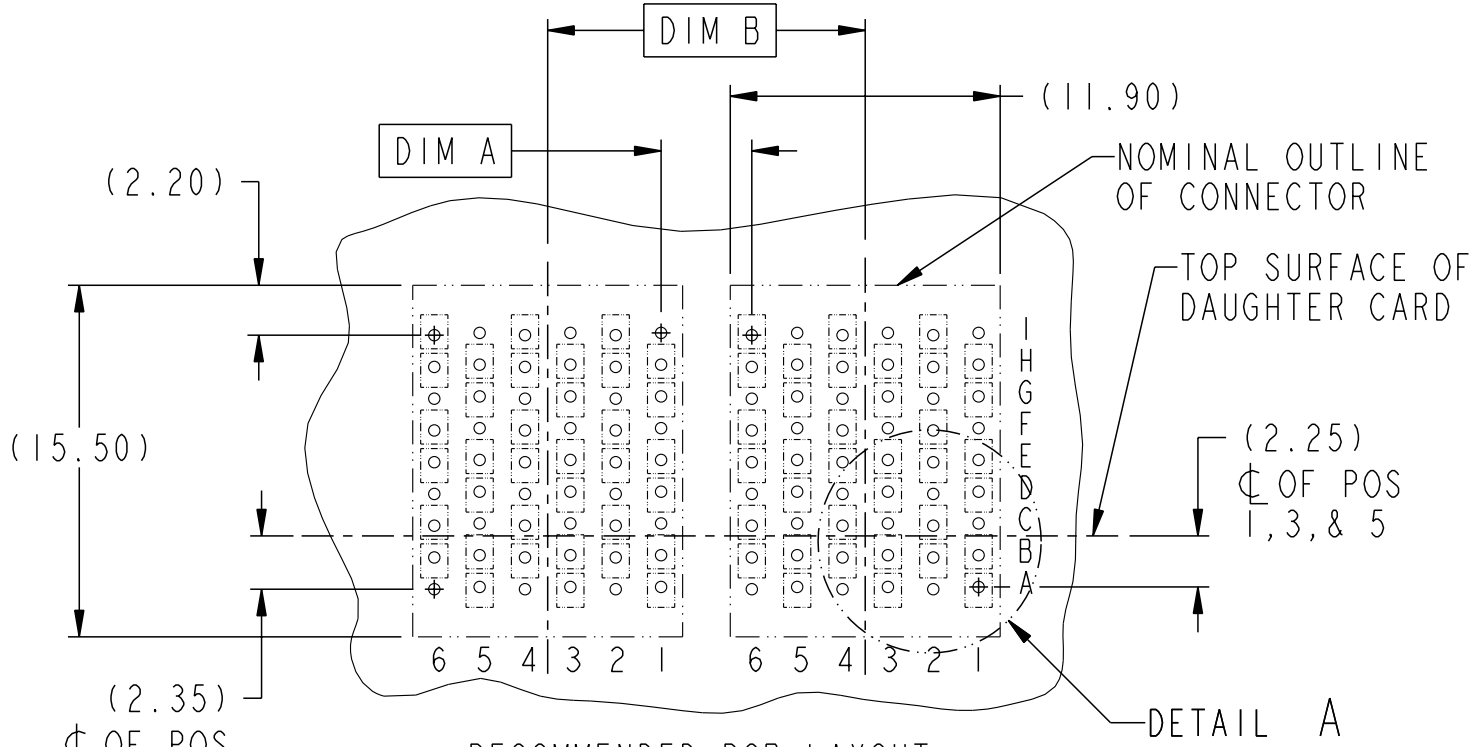
2

3

4

ADJACENT HEADER WIDTHS	DIM A	DIM B
12MM/12MM	2.00	12.00
12MM/14MM	3.00	13.00
14MM/14MM	4.00	14.00

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

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title	AirMax VS VERT RECPT ASSY PRESS-FIT, 54 POS, 12MM	dwg no	10043546	Rev.	A
catalog no	-	CUSTOMER	sheet 2 of 5		

PDM: Rev:A

STATUS: Released

4 Printed: Mar 07, 2006

1

2

3

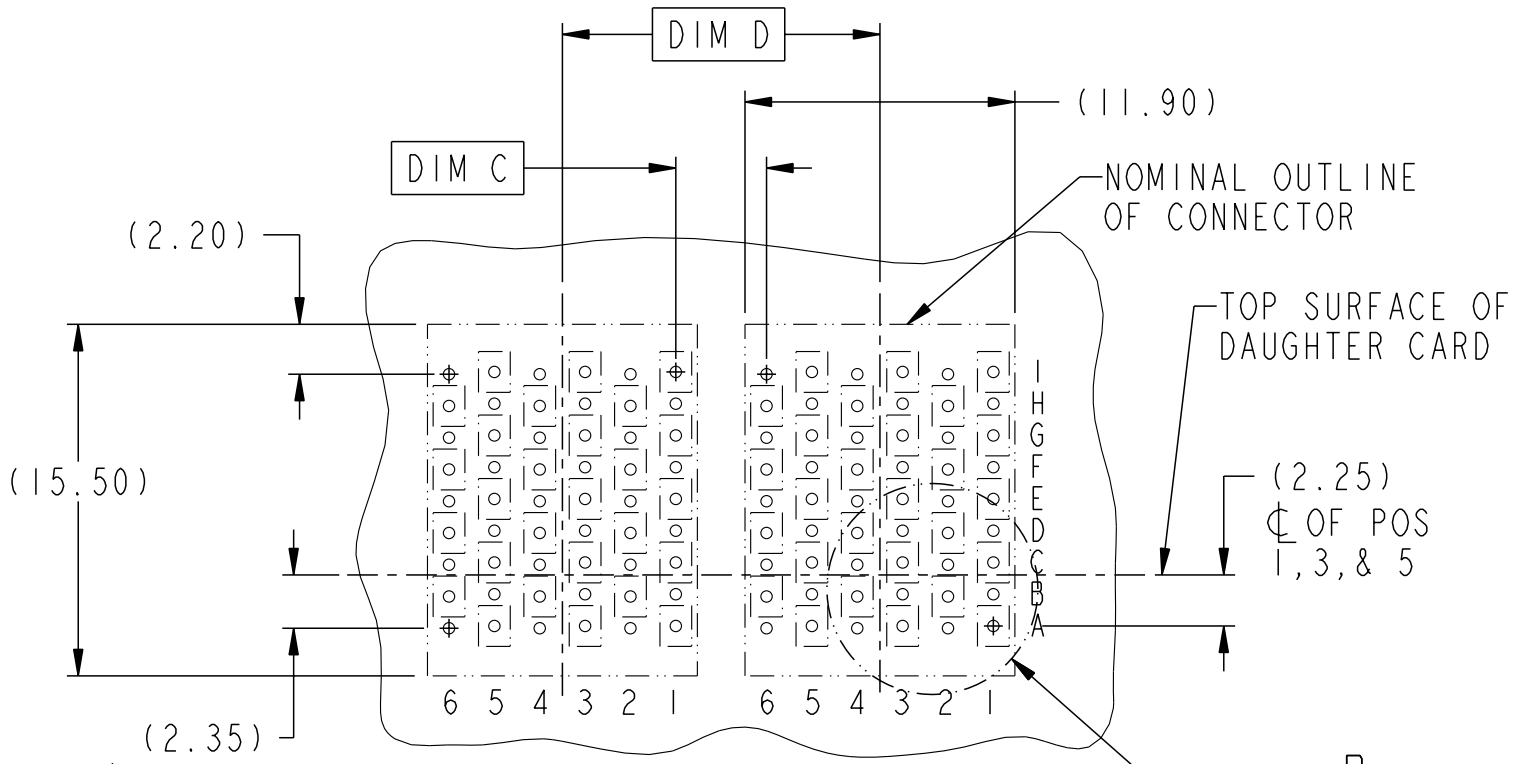
4

ADJACENT HEADER WIDTHS	DIM C	DIM D
12MM / 12MM	2.00	12.00
12MM / 14MM	3.00	13.00
14MM / 14MM	4.00	14.00

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

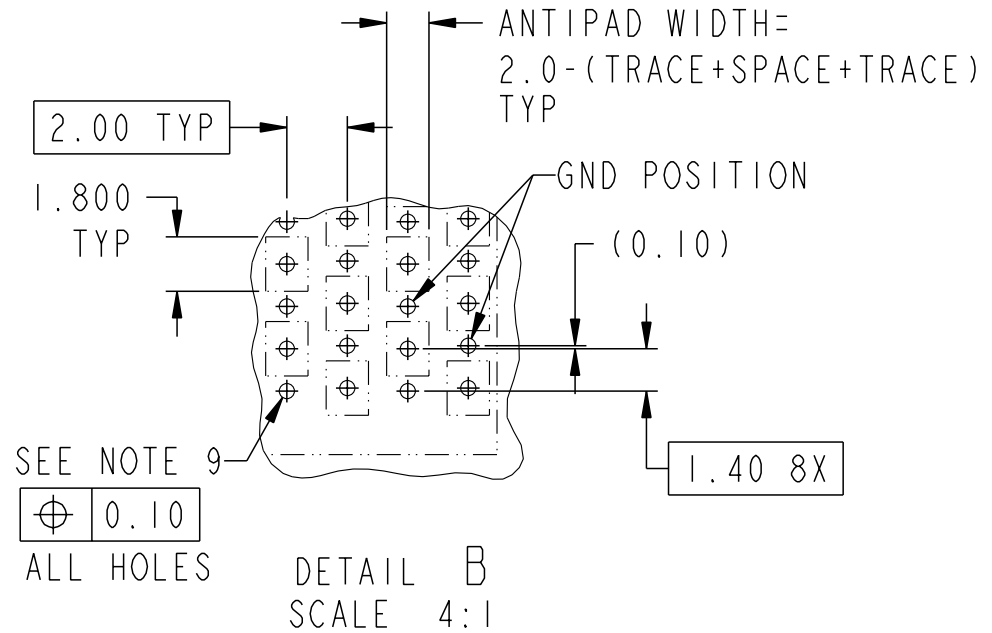
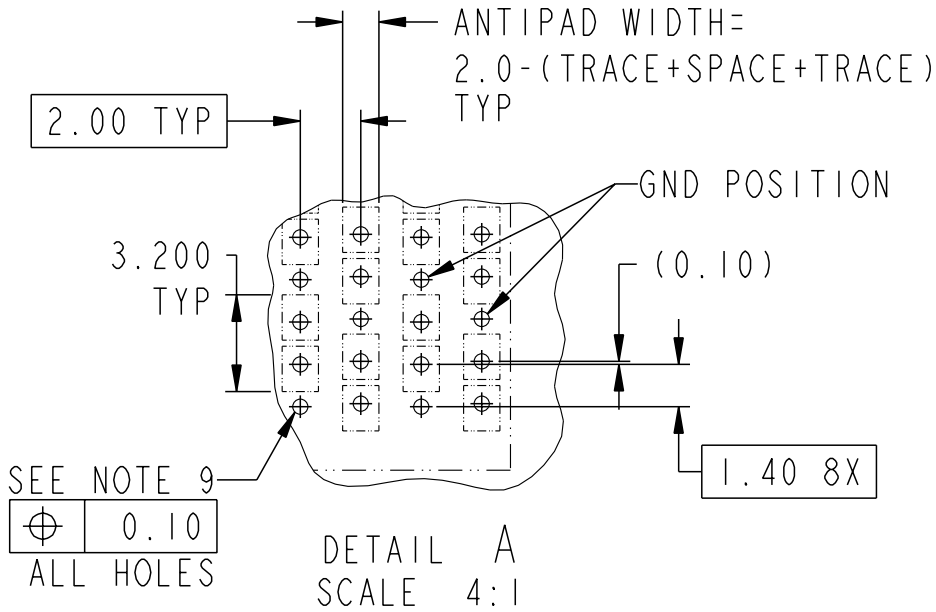
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title	AirMax VS VERT RECPT ASSY PRESS-FIT, 54 POS, 12MM	dwg no	10043546	Rev.	A
catalog no	-	CUSTOMER	sheet 3 of 5		

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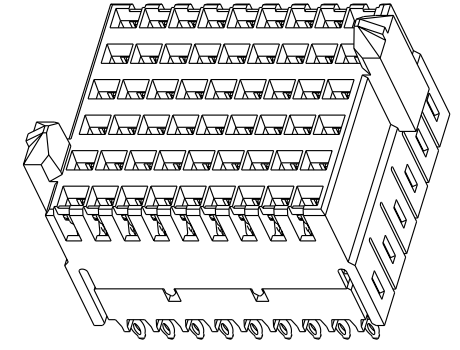


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PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10043546-101	TIN/LEAD ALLOY OVER NICKEL
10043546-101LF	TIN OVER NICKEL (LEAD FREE)

NOTES:

1. CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
2. CONTACT PLATING:
SEPARABLE INTERFACE: GOLD OVER NICKEL
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.



A
B
C
D

PRELIMINARY

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 54 POS, 12MM	dwg no	10043546	Rev.	A
catalog no	-	CUSTOMER	sheet 5 of 5		