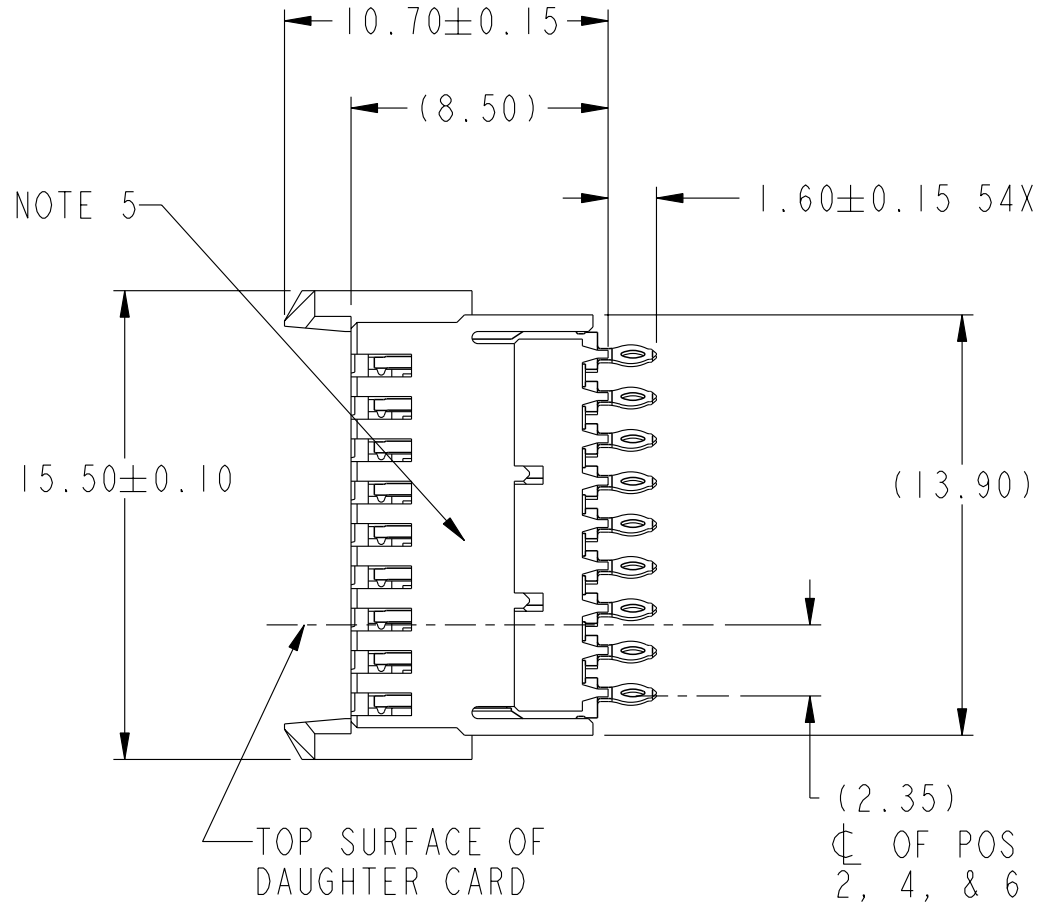
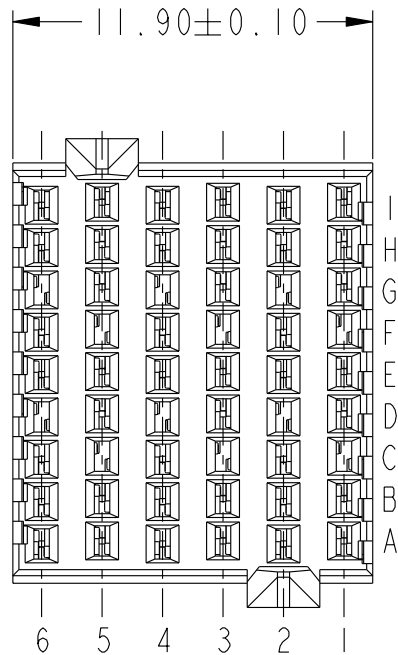




Copyright FCI.

PRODUCT NUMBER
SEE TABLE, SHEET 5



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

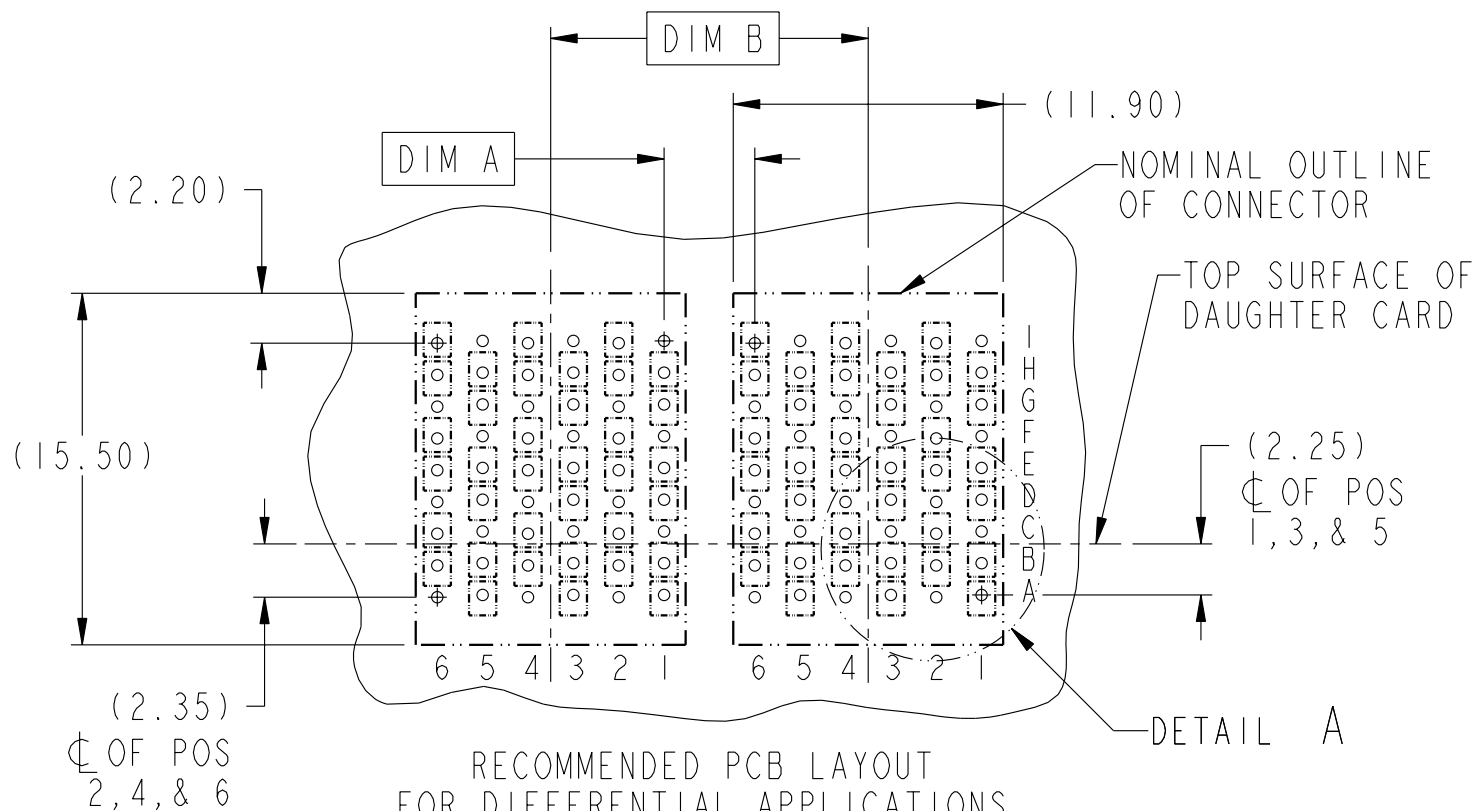
www.fciconnect.com			surface - ☒ ASME Y14.5		tolerance std - ☒ ASME Y14.5		projection 		 MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	G. HULL	2004-07-27	ANGULAR	LINEAR	0.X		±	size A4	Scale 4:1	
Eng	S. MINICH	2004-07-27			0.XX		±			
Chr	C.H. TAN	2007-02-08			0.XXX		±			
Appr	JOEY NG	2007-02-08	0°	±				ECN	***	
			Product family AirMax VS					Spec ref	RELEASED	
			title AirMax VS VERT RECPT ASSY PRESS-FIT, 54 POS, 12MM			dwg no 10043546			Rev. B	
			catalog no -			CUSTOMER			sheet 1 of 5	

REV F - 2006-04-17



Copyright FCI.

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



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



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

dwg no 10043546
CUSTOMER

Rev. B

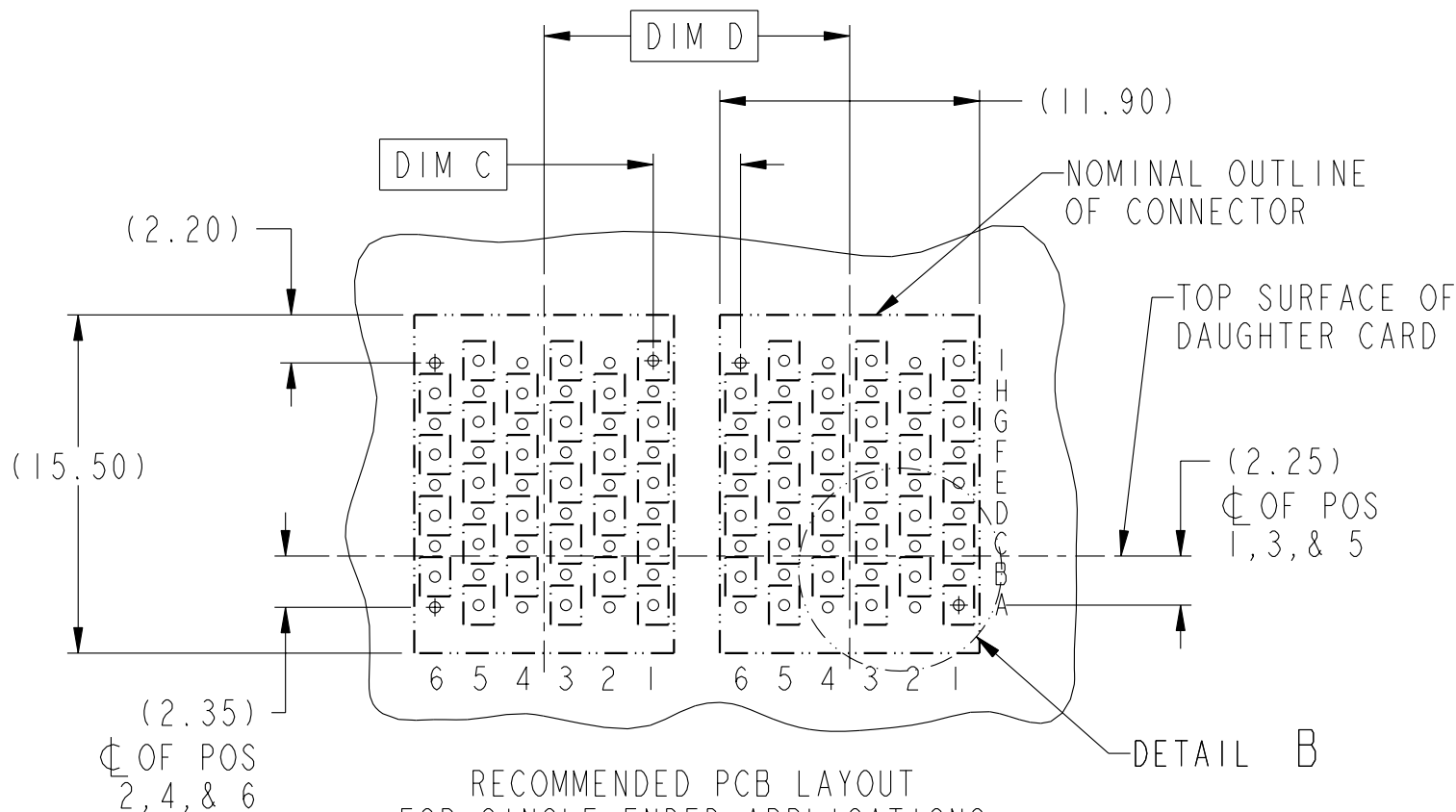
sheet 2 of 5

REV F - 2006-04-17



Copyright FCI.

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



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



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

dwg no 10043546

Rev. B

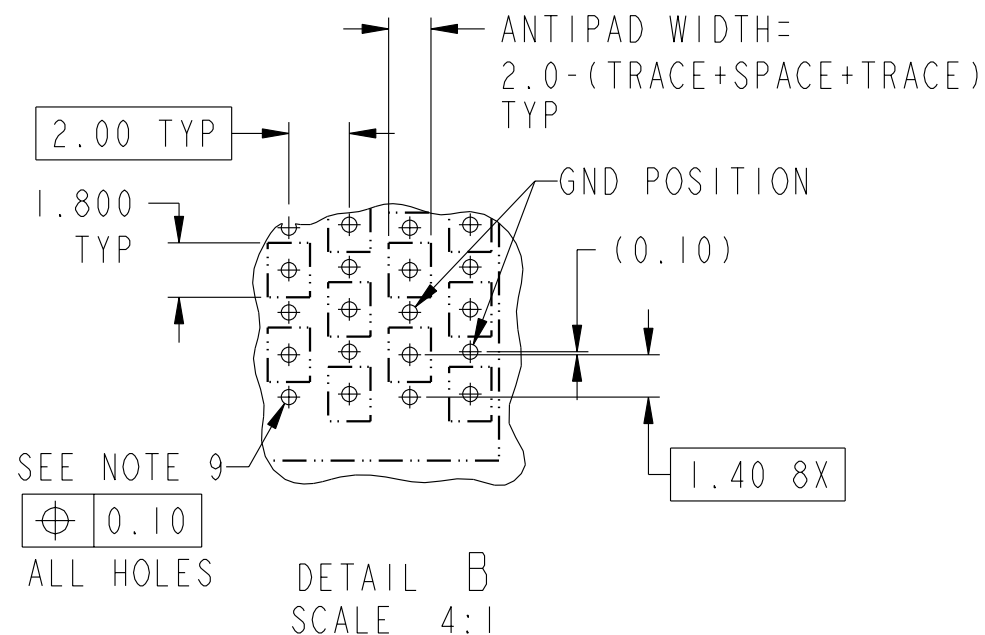
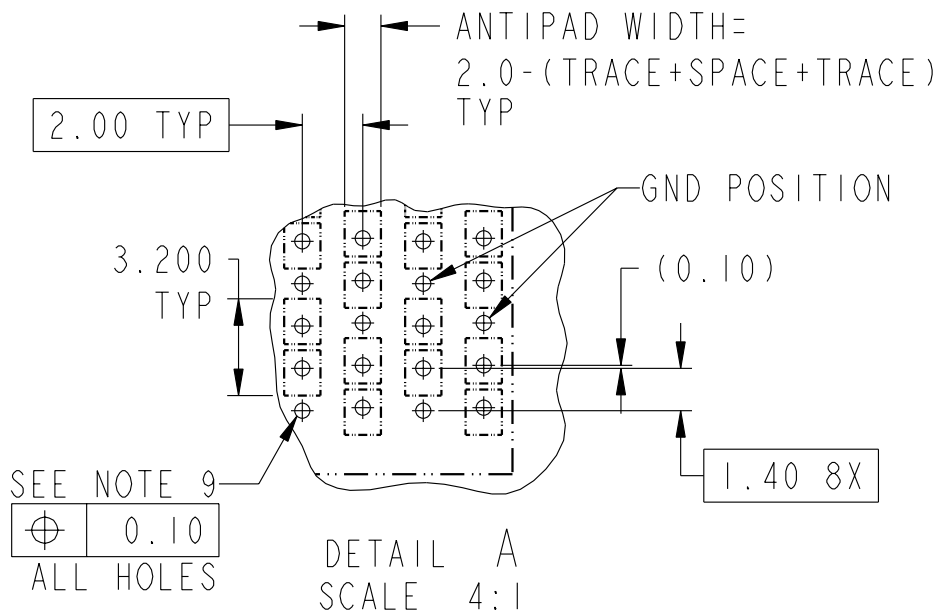
CUSTOMER sheet 3 of 5

REV F - 2006-04-17



Copyright FCI.

REV F - 2006-04-17



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

dwg no 10043546

Rev. B

CUSTOMER sheet 4 of 5



Copyright FCI.

A

B

C

D

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

NOTES:

- CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
- 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

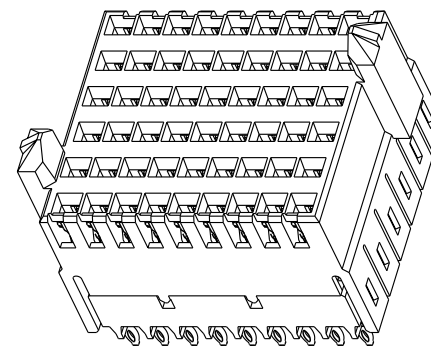
3. PRODUCT SPECIFICATION: GS-12-239

4. APPLICATION SPECIFICATION: GS-20-035

- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
- REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING
PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
- POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G
OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
- 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.

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION,
INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PACKAGING MEETS GS-14-920 LEAD FREE
LABELING SPECIFICATION.



A

B

C

D

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