

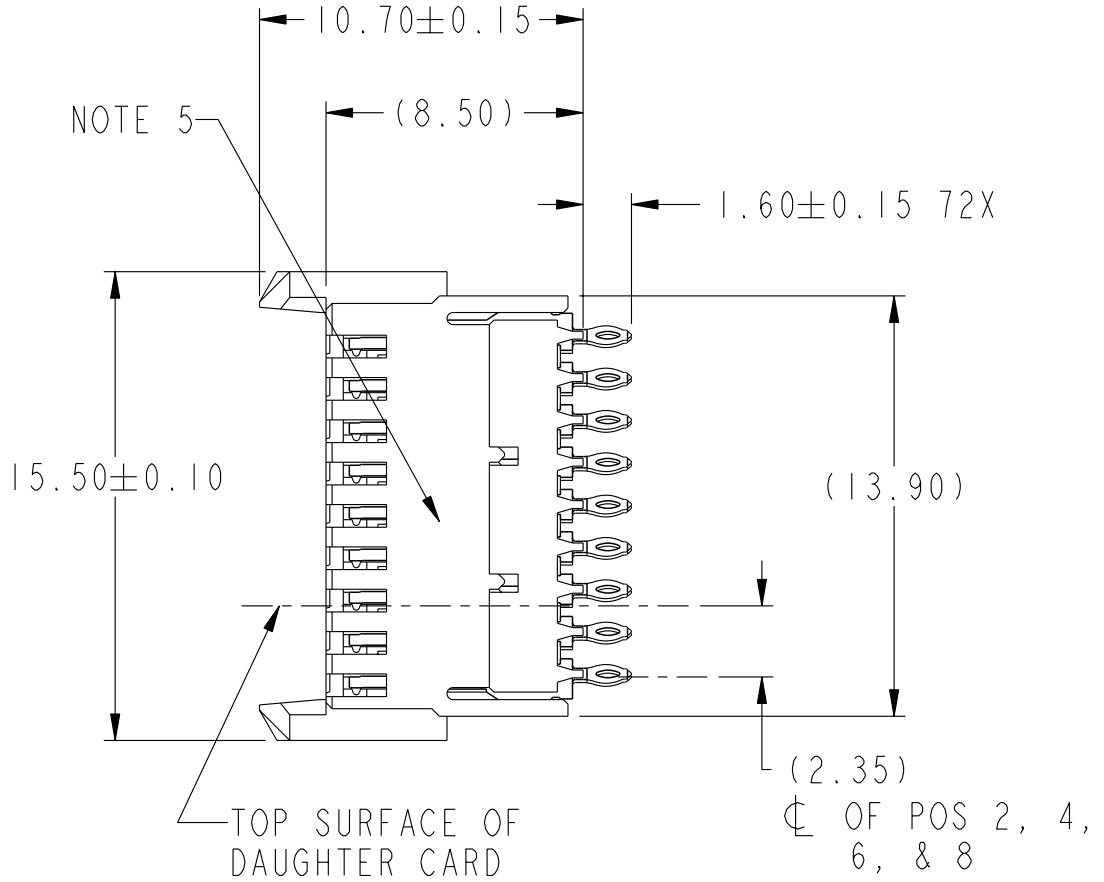
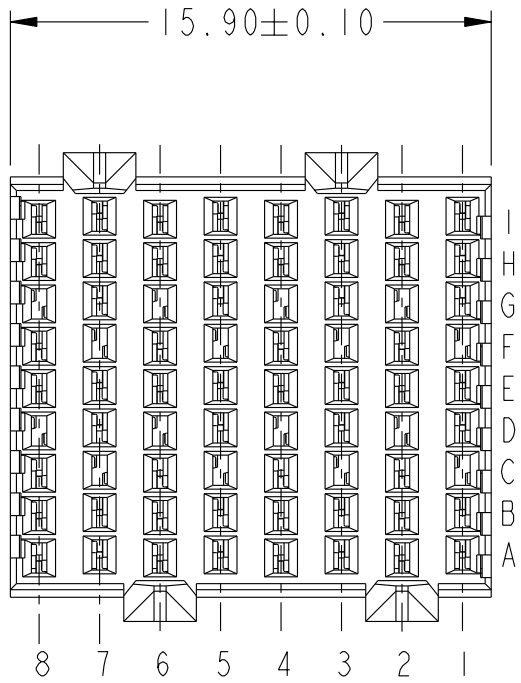
PRODUCT NUMBER  
SEE TABLE, SHEET 5

A

B

C

D



A

B

C

D



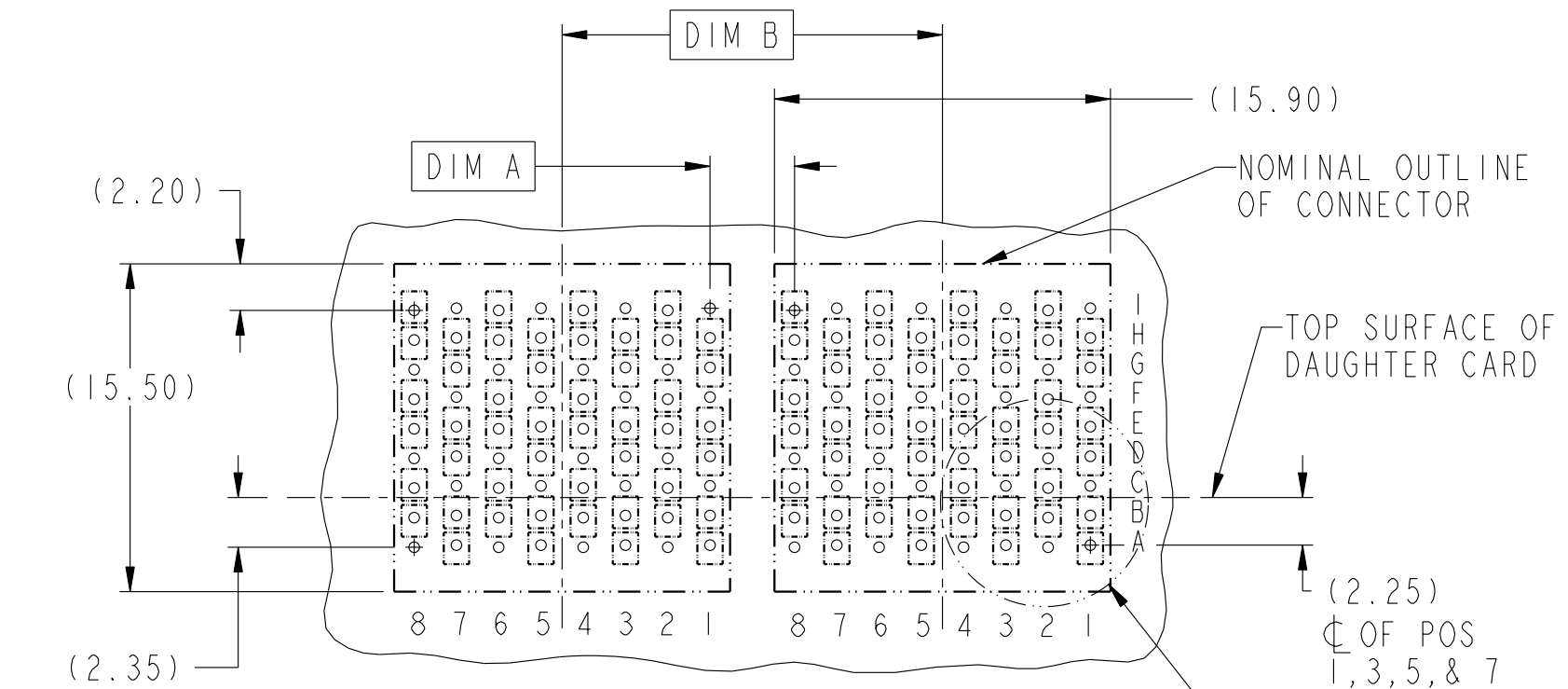
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REV F - 2006-04-17

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	T. HOUTZ	2004-09-24	ANGULAR	0.X ±	size A4
Eng	S. MINICH	2004-09-24	LINEAR	0.XX ±	Scale 4:1
Chr	C. H. TAN	2007-02-08	0° ±	0.XXX ±	ECN ***
Appr	JOEY NG	2007-02-08	Product family AirMax VS		Spec ref RELEASED
			AirMax VS VERT RECPT ASSY		Rev. B
			PRESS-FIT, 72 POS, 16MM		dwg no 10045271
			catalog no -	CUSTOMER	sheet 1 of 5

ADJACENT HEADER WIDTHS	DIM A	DIM B
16MM/16MM	2.00	16.00
18MM/18MM	4.00	18.00
16MM/18MM	3.00	17.00



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, 72 POS, 16MM catalog no	dwg no 10045271	Rev. B

1

2

3

4

ADJACENT HEADER WIDTHS	DIM C	DIM D
16MM/16MM	2.00	16.00
18MM/18MM	4.00	18.00
16MM/18MM	3.00	17.00

A

B

C

D

A

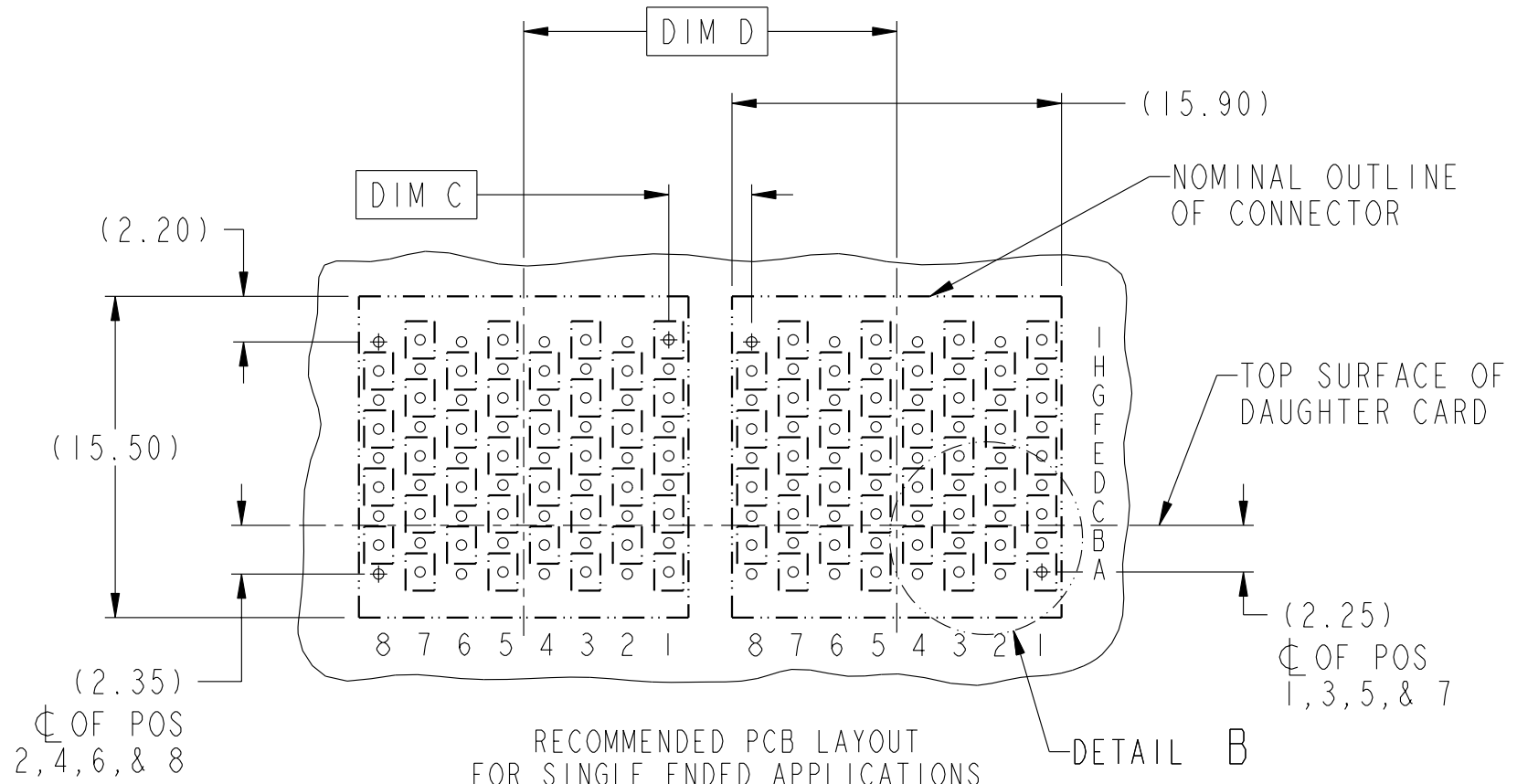
B

C

D



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



title AirMax VS VERT RECPT ASSY PRESS-FIT, 72 POS, 16MM catalog no	-	dwg no 10045271	Rev. B
	CUSTOMER	sheet 3 of 5	
	STATUS: Released		

REV F - 2006-04-17

2

PDM: Rev:B

STATUS: Released

4 Printed: Aug 11, 2008

1

2

3

4

A

B

C

D

A

B

C

D

2.00 TYP

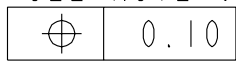
ANTIPAD WIDTH=  
2.0-(TRACE+SPACE+TRACE)  
TYP

3.200  
TYP

GND POSITION

0.10 TYP

SEE NOTE 9



ALL HOLES

DETAIL A  
SCALE 4:1

1.40 8X

2.00 TYP

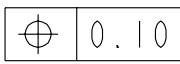
ANTIPAD WIDTH=  
2.0-(TRACE+SPACE+TRACE)  
TYP

1.800  
TYP

GND POSITION

0.10 TYP

SEE NOTE 9



ALL HOLES

DETAIL B  
SCALE 4:1

1.40 8X



AirMax VS VERT RECPT ASSY  
PRESS-FIT, 72 POS, 16MM  
catalog no

dwg no 10045271  
CUSTOMER

Rev. B  
sheet 4 of 5

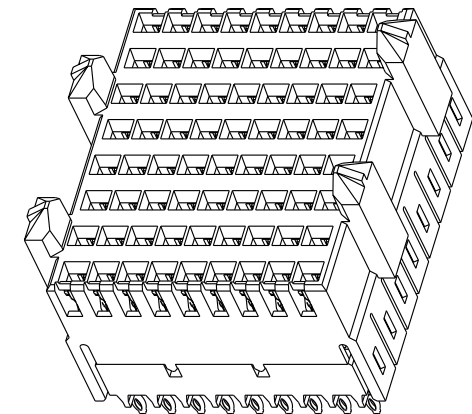


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PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10045271-101	TIN/LEAD ALLOY OVER NICKEL
10045271-101LF	TIN OVER NICKEL (LEAD FREE)

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 PRESS-FIT, 72 POS, 16MM	dwg no 10045271	Rev. B
	catalog no -	CUSTOMER	sheet 5 of 5



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