

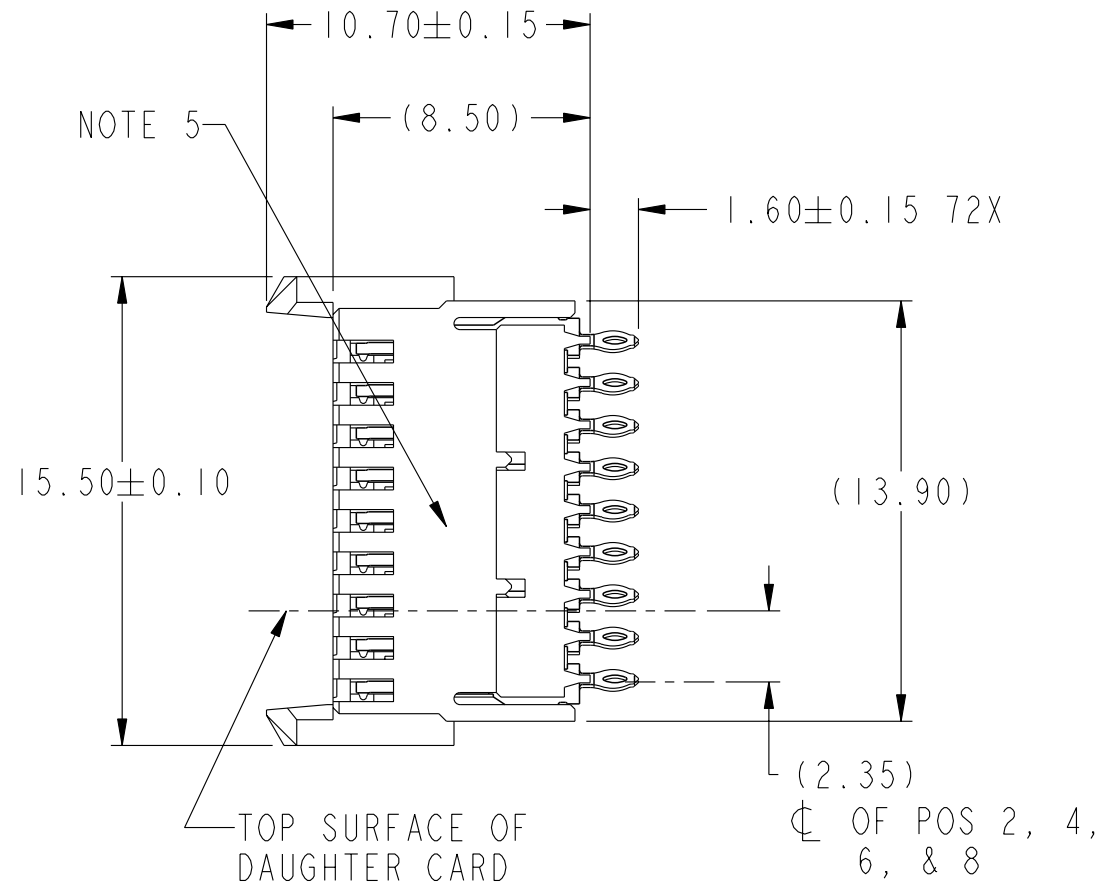
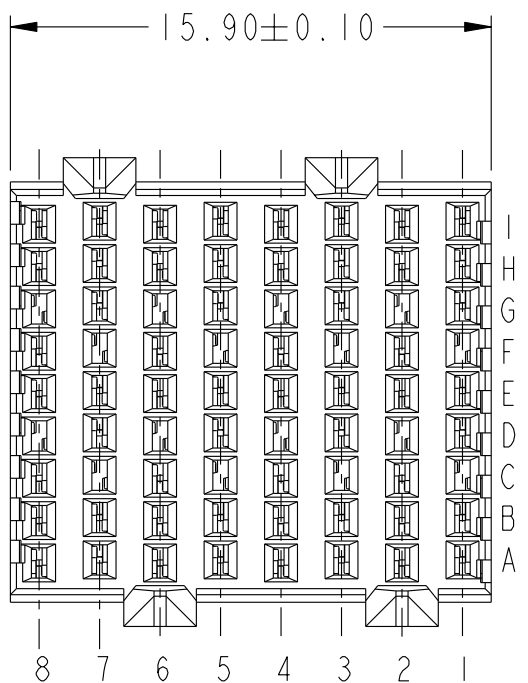
PRODUCT NUMBER  
SEE TABLE, SHEET 5

A

B

C

D



A

B

C

D

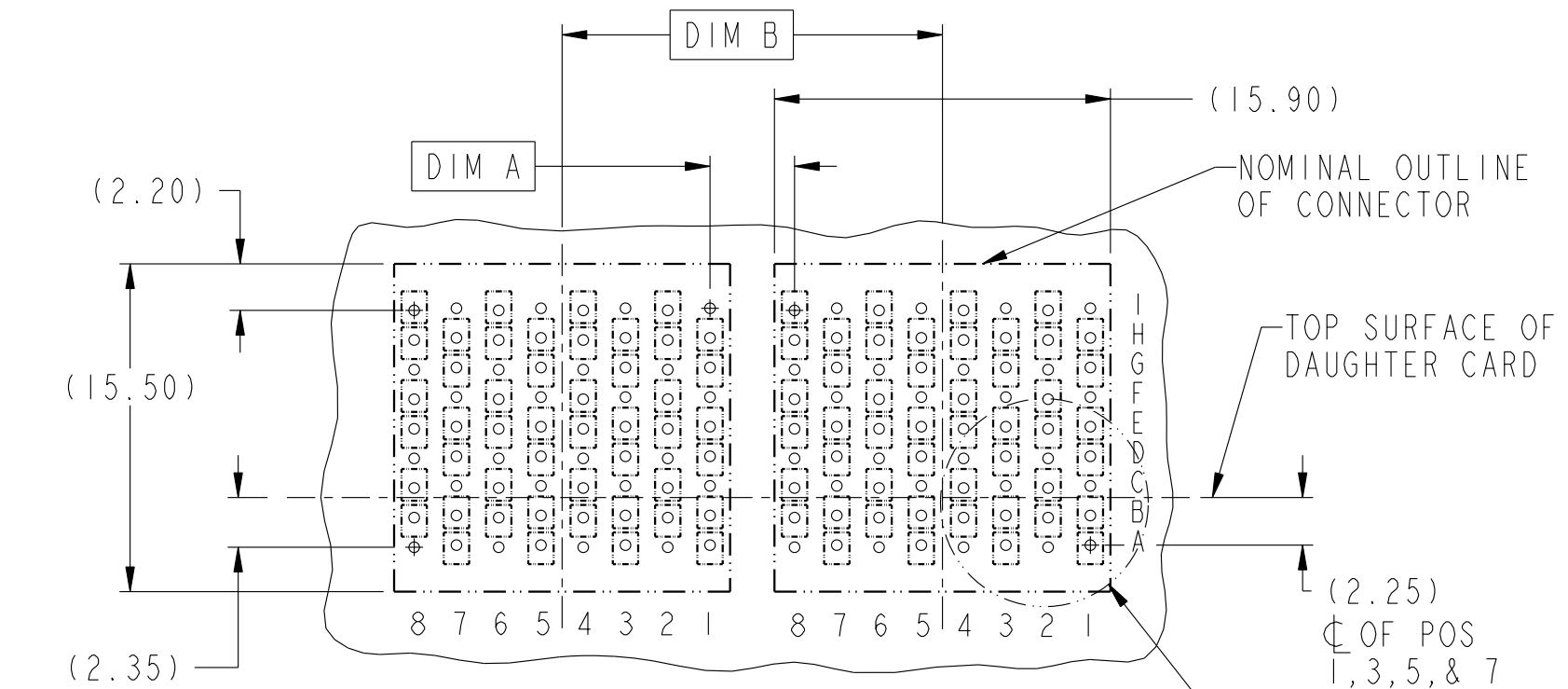


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www.fciconnect.com				surface - ✓ ASME Y14.5	tolerance std ASME Y14.5 -	projection ⊕	MM ↔
TOLERANCES UNLESS OTHERWISE SPECIFIED				ANGULAR	LINEAR	size A4	Scale 4:1
Dr	T. HOUTZ	2004-09-24	0°	±	0.X	ECN	***
Eng	S. MINICH	2004-09-24	0°	±	0.XX	Product family	AirMax VS
Chr	C. H. TAN	2007-02-08	0°	±	0.XXX	Spec ref	RELEASED
Appr	JOEY NG	2007-02-08			Product family		AirMax VS
				AirMax VS VERT RECPT ASSY		dwg no	
				PRESS-FIT, 72 POS, 16MM		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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	catalog no -	CUSTOMER	sheet 2 of 5

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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

A

B

B

C

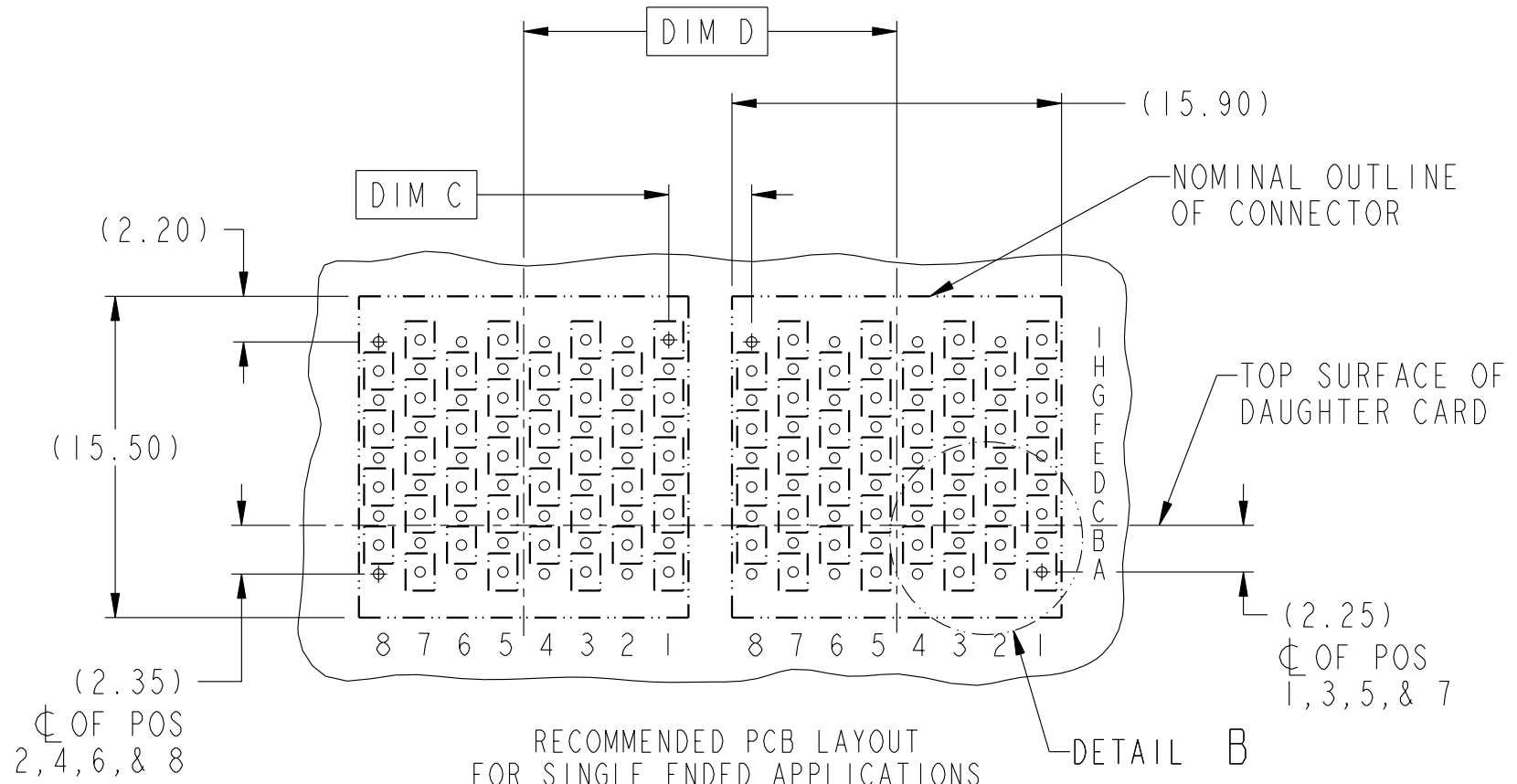
C

D

D



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



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	CUSTOMER	sheet 3 of 5	

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2

PDM: Rev:B

STATUS:Released

4 Printed: Dec 01, 2010

1

2

3

4

A

B

C

D

A

B

C

D

2.00 TYP

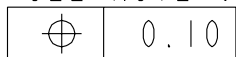
ANTIPAD WIDTH=  
2.0-(TRACE+SPACE+TRACE)  
TYP

3.200  
TYP

GND POSITION

0.10 TYP

SEE NOTE 9



ALL HOLES

DETAIL A  
SCALE 4:1

1.40 8X

2.00 TYP

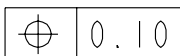
ANTIPAD WIDTH=  
2.0-(TRACE+SPACE+TRACE)  
TYP

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

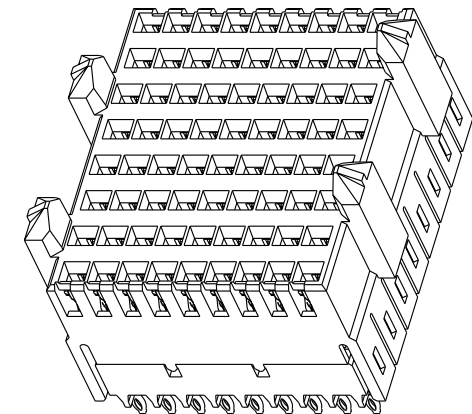


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PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10045271-101	TIN/LEAD ALLOY OVER NICKEL
10045271-101LF	TIN OVER NICKEL (LEAD FREE)

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.



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	catalog no -	CUSTOMER	sheet 5 of 5



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