

1

2

3

4

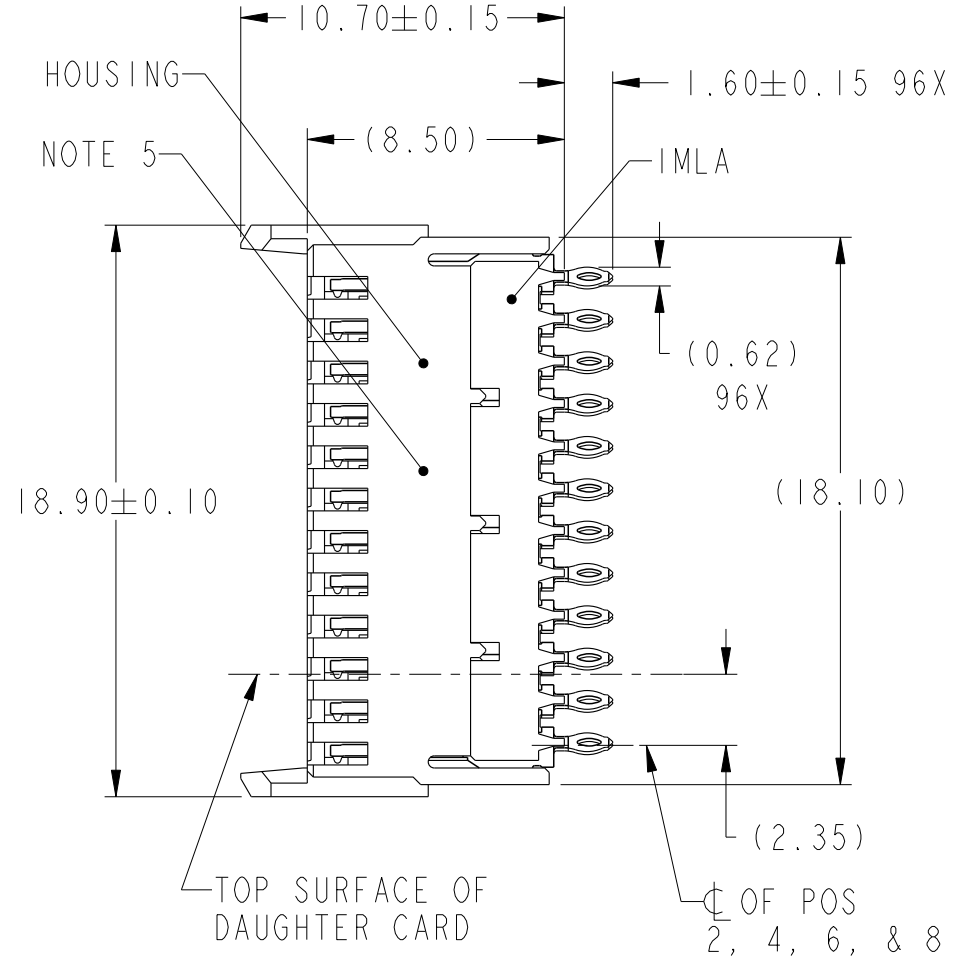
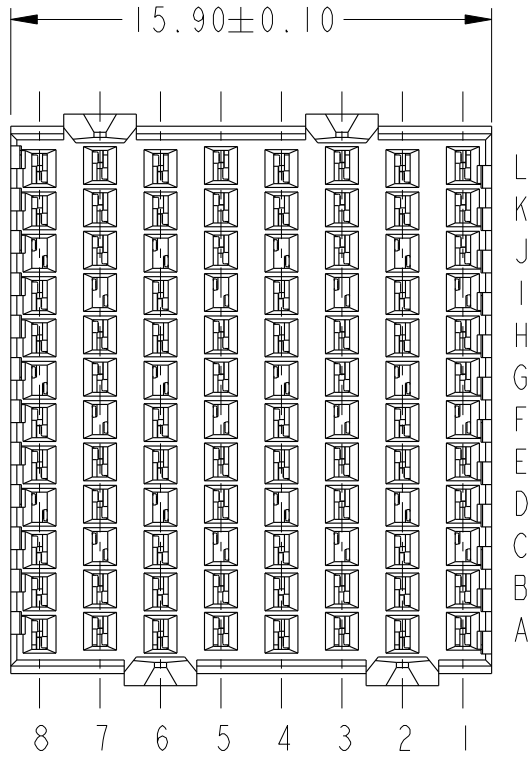
PRODUCT NUMBER
SEE TABLE, SHT 4

A

B

C

D



A

B

C

D



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REV F - 2006-04-17

rev	ecn no	dr	date
A	S08-0174	LS	2008-06-03
B	S08-0187	LS	2008-06-13
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com		surface - ASME Y14.5	tolerance std ASME Y14.5	projection MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	L.S NGWE	2008-06-03	ANGULAR	0.X ±
Eng	C.H. TAN	2008-06-13	LINEAR	0.XX ±
Chr	C.H. TAN	2008-06-13	0° ±°	0.XXX ±
Appr	JOEY NG	2008-06-13	Product family	AirMax VS
			Spec ref	ECN ***
FCI			title	Rev.
			AirMax VS VERT RECPT ASSY	B
			PRESS-FIT, 96 POSITION, 16mm	
			dwg no	10084605
			catalog no	CUSTOMER
			sheet	1 of 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

1.40 TYP

SEE NOTE 9

⊕ 0.10
ALL HOLES

DETAIL A
SCALE 4:1

0.10 TYP

DIM B

DIM A

(15.90)

NOMINAL OUTLINE
OF CONNECTOR

TOP SURFACE OF
DAUGHTER CARD

(1.80)

(18.90)

(2.35)
⊕ OF POS
2, 4, 6, & 8

(2.25)
⊕ OF POS
1, 3, 5, & 7

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

DETAIL A

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



TITLE AirMax VS VERT RECPT ASSY
 PRESS-FIT, 96 POSITION, 16mm
 catalog no -

dwg no 10084605
 Rev. B
 CUSTOMER sheet 2 of 4



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1

2

3

4

A

B

C

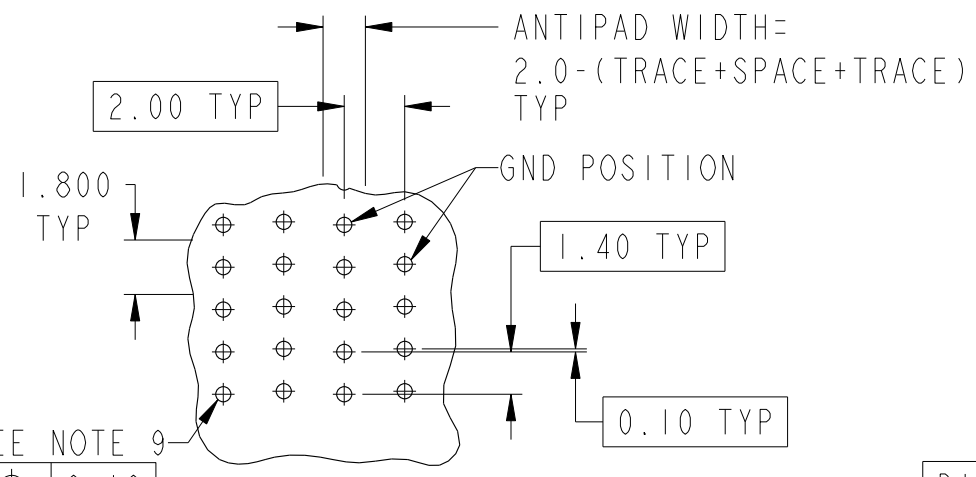
D

A

B

C

D



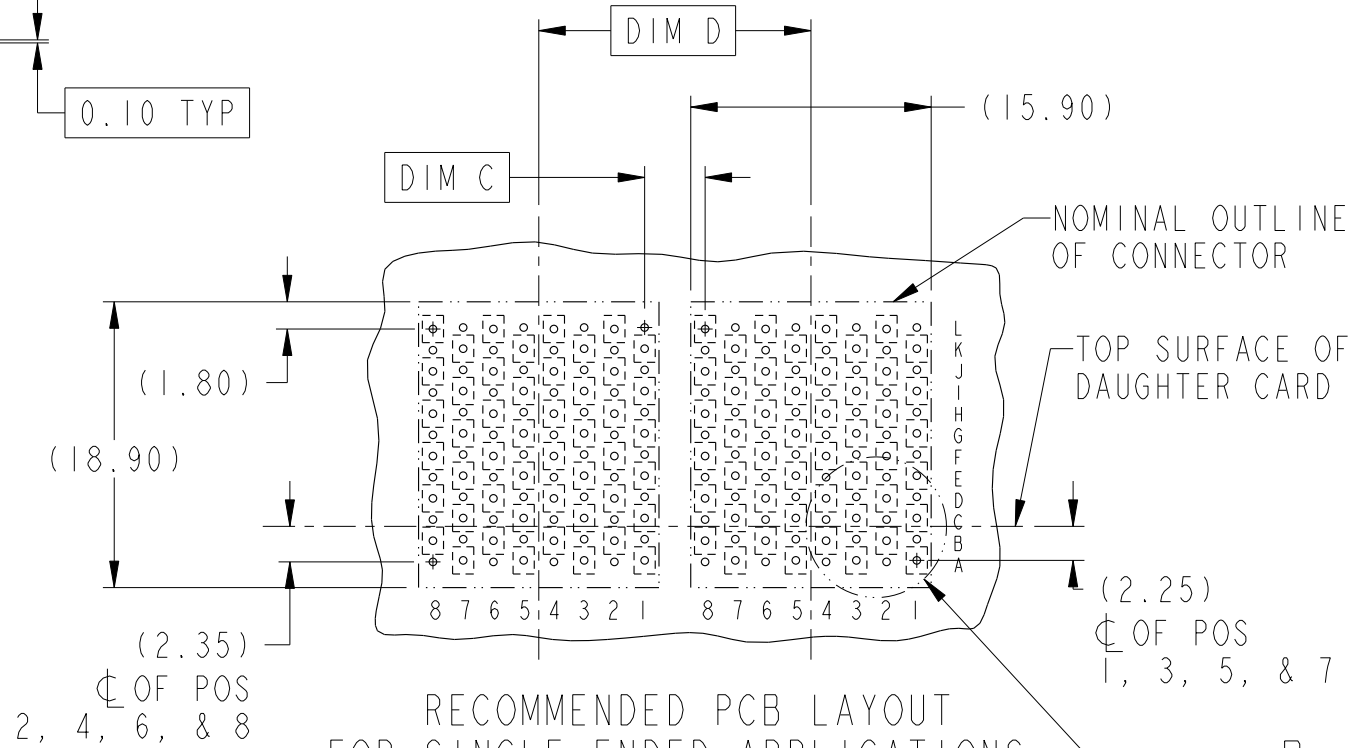
SEE NOTE 9

⊕ 0.10

ALL HOLES

DETAIL B

SCALE 4:1



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

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



title AirMax VS VERT RECPT ASSY
PRESS-FIT, 96 POSITION, 16mm
catalog no -

dwg no 10084605
Rev. B
CUSTOMER sheet 3 of 4



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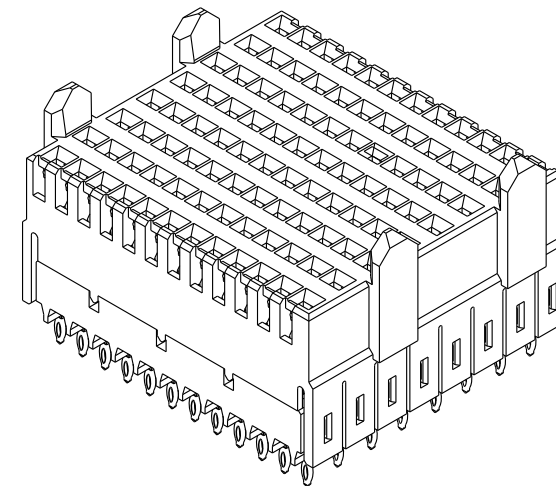
1

2

3

4

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10084605-101LF	TIN OVER NICKEL (LEAD FREE)



NOTES:

1. CONNECTOR MATERIALS:
HOUSING: 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.
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. POSITION F OF ODD NUMBERED COLUMNS AND POSITION G
OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE
HEADER PINS
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
9. SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE
DIAMETER 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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FCI	title	AirMax VS VERT RECPT ASSY	dwg no	10084605	Rev.	B
	part no	PRESS-FIT, 96 POSITION, 16mm	customer no	CUSTOMER	sheet	4 of 4
	catalog no	-				