

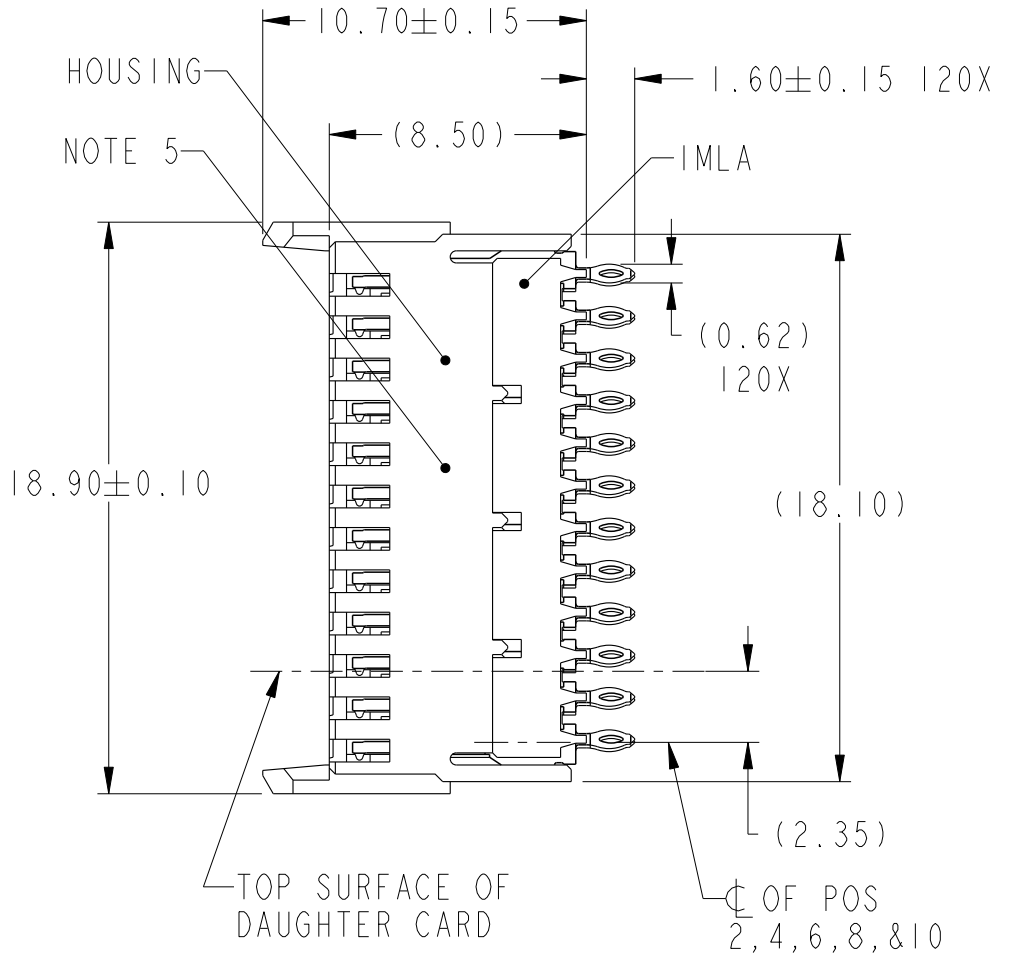
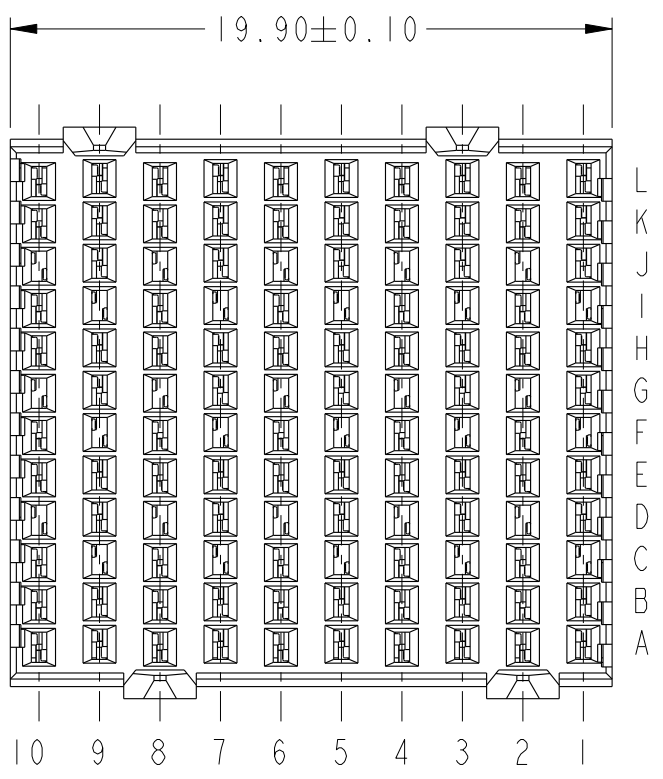
PRODUCT NUMBER
SEE TABLE, SHEET 4

A

B

C

D



A

B

C

D



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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			Scale 4:1
Dr	L.S. NGWE	2008-06-03	ANGULAR	size A4	ECN ***
Eng	C.H. TAN	2008-06-13	LINEAR		
Chr	C.H. TAN	2008-06-13	0° ±°		
Appr	JOEY NG	2008-06-13	Product family AirMax VS	Spec ref	
		Title AirMax VS VERT RECPT ASSY		dwg no 10084581	Rev. B
		catalog no		CUSTOMER	sheet 1 of 4

REV F - 2006-04-17

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

1.40 TYP

0.10 TYP

SEE NOTE 9
⊕ 0.10
ALL HOLES

DETAIL A
SCALE 4:1

(1.80)

(18.90)

(2.35)
⊕ OF POS
2, 4, 6, 8, & 10

DIM A
DIM B

(19.90)

NOMINAL OUTLINE
OF CONNECTOR

TOP SURFACE OF
DAUGHTER CARD

(2.25)
⊕ OF POS
1, 3, 5, 7, & 9

DETAIL A

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

ADJACENT HEADER WIDTHS	DIM A	DIM B
20MM/20MM	2.00	20.00
20MM/22MM	3.00	21.00
22MM/22MM	4.00	22.00



title AirMax VS VERT RECPT ASSY
PRESS-FIT, 120 POSITION, 20mm
catalog no -

dwg no 10084581
CUSTOMER

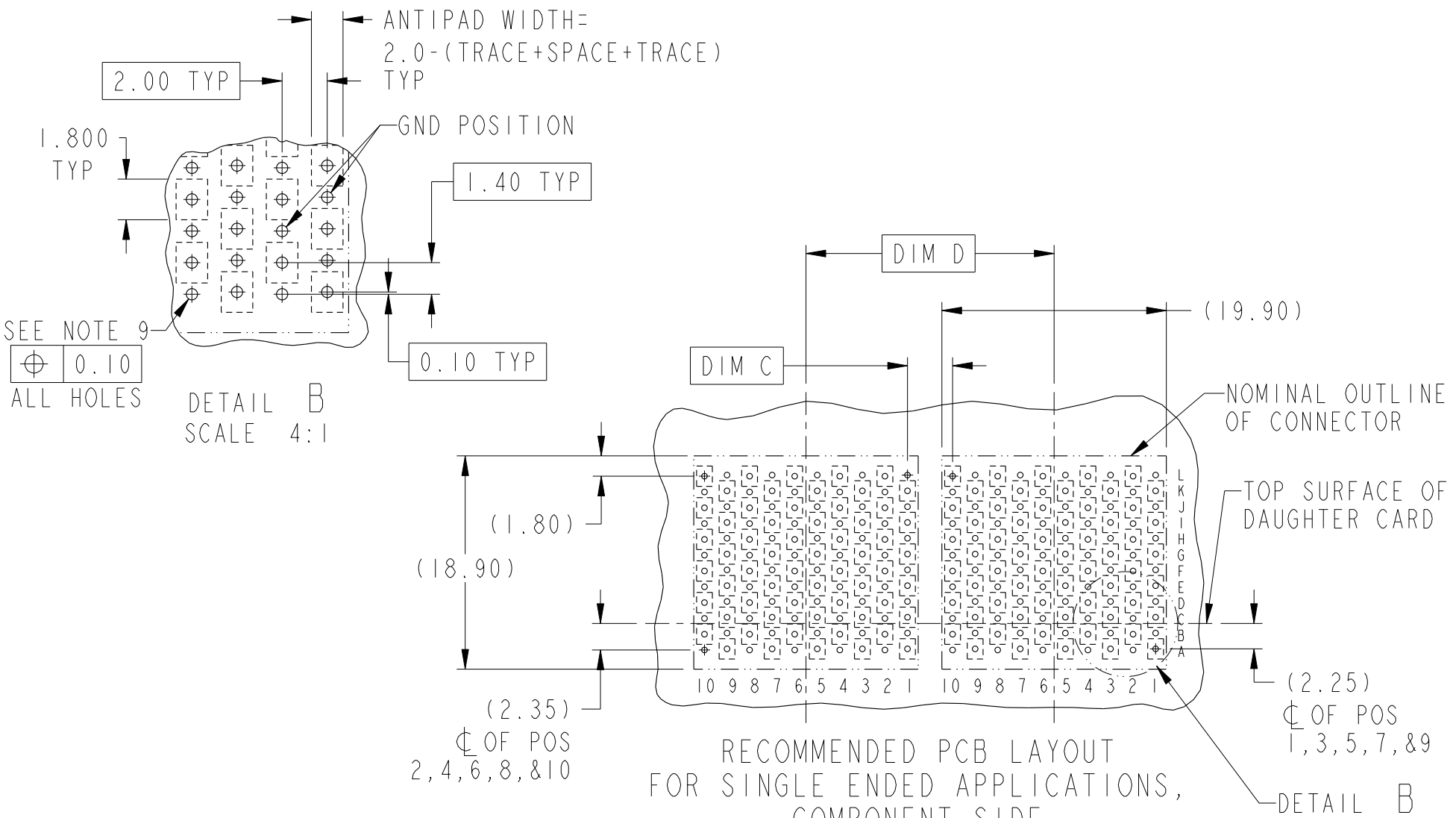
Rev. B
sheet 2 of 4



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

ADJACENT HEADER WIDTHS	DIM C	DIM D
20MM/20MM	2.00	20.00
20MM/22MM	3.00	21.00
22MM/22MM	4.00	22.00



title AirMax VS VERT RECPT ASSY PRESS-FIT, 120 POSITION, 20mm catalog no	dwg no 10084581	Rev. B

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1

2

3

4

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10084581-101LF	TIN OVER NICKEL (LEAD FREE)

A

NOTES:

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

B

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

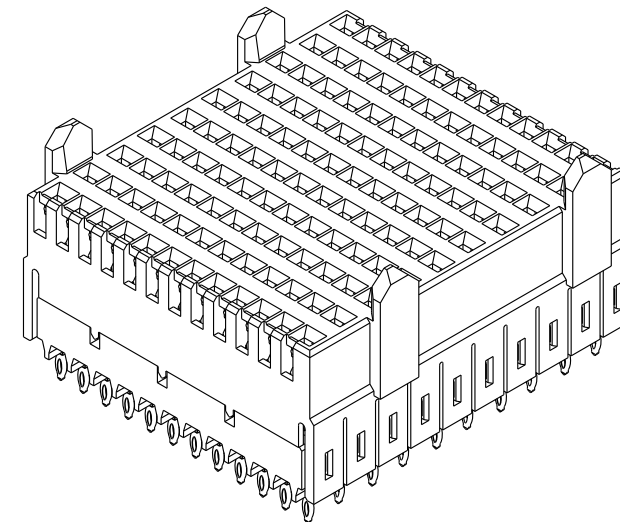
6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION
REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES
RELATIVE TO SIGNAL MODULES

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



A

B

C

D



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C

D

FCI	title	AirMax VS VERT RECPT ASSY	dwg no	10084581	Rev.	B
	catalog no	PRESS-FIT, 120 POSITION, 20mm	-	CUSTOMER	sheet 4 of 4	

REV F - 2006-04-17

2

PDM: Rev:B

STATUS: Released

4 Printed: Dec 01, 2010