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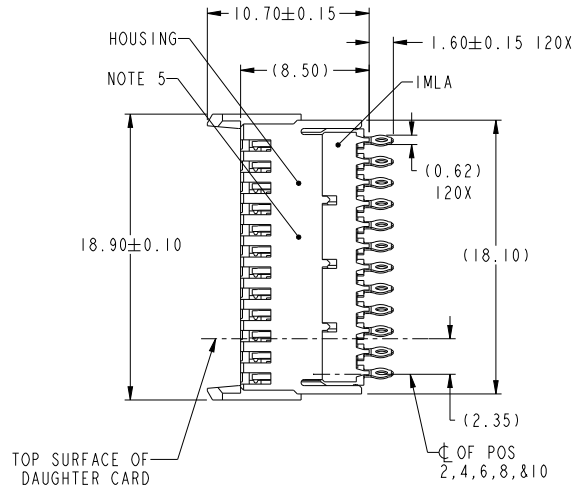
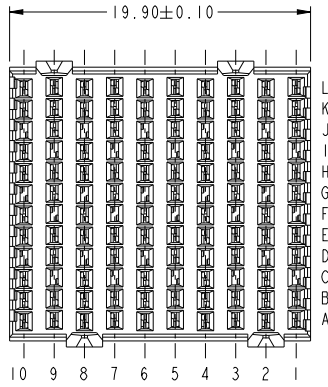
[FCI](#)

[10125559-102LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NUMBER
SEE TABLE, SHEET 4



Copyright FCI

spec ref	TOLERANCES UNLESS OTHERWISE SPECIFIED		dr	Sander See	20130909	projection	MM	size	A3	scale	4:1
tolerance std	ASME Y14.5		eng	Sander See	20131220			ecm no	-	rel level	Released
surface	linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.050	chr	-	20131220			product family	AirMax VS	cat. no.	10125559
ASME Y14.5	angular	0° ±2°	appr	Chen-Hong Tan	20131220	www.fci.com		Product - Customer Drw	sheet 1 of 4		

Print Date - REV C - 2010-04-20

1

2

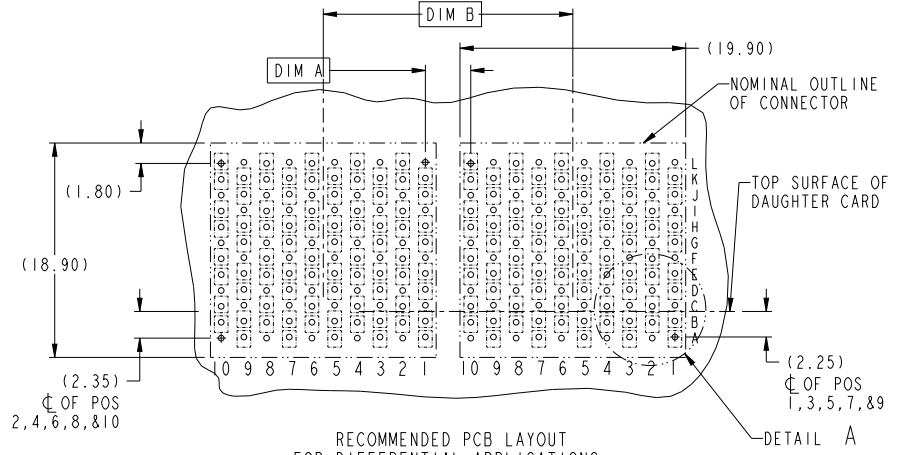
3

PDS: Rev -A

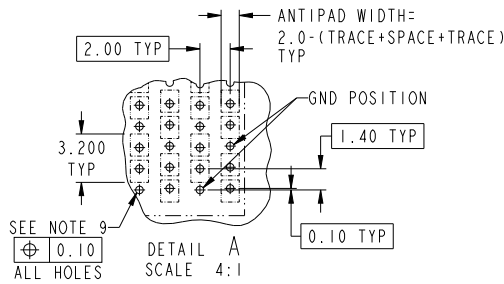
STATUS:Released

Printed: Dec 20, 2013

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



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



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spec ref	dr Sander See	20130909	projection	MM	size A3	scale 3:1
tolerance std ASME Y14.5	eng Sander See	20131220	chr		ecn no	
	appr Chen-Hong Tan	20131220	product family		rel level	Released
surface	linear	0.X ±0.3		title AIRMAX VS2 VERT RECEPT ASSY PRESS-FIT, 120 POS, 20mm, GXT+	eng no 10125559	rev A
		0.XX ±0.10				
		0.XXX ±0.050				
ASME Y14.5	angular	0° ±2°	www.fci.com	cat. no.	Product - Customer Draw	sheet 2 of 4

Print Date - REV C - 2009-04-09

1

2

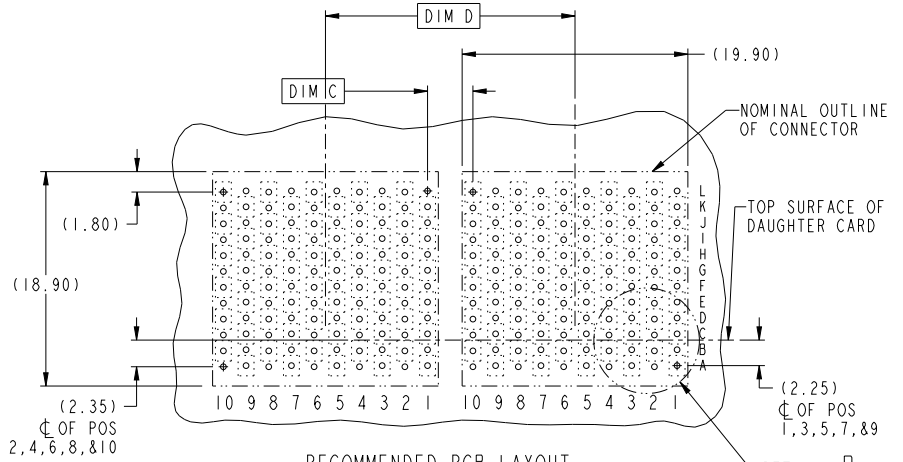
3

PDS: Rev A

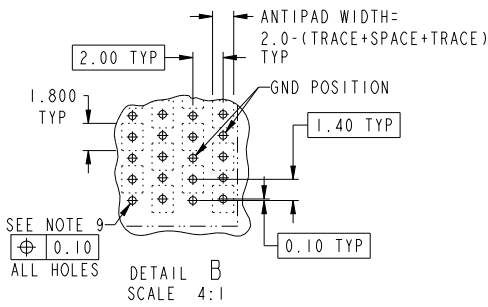
STATUS: Released

Printed: Dec 20, 2013

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

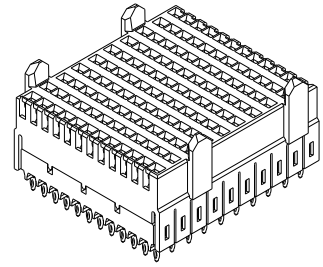


RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



spec ref	dr	Sander See	20130509	projection	MM	size	A3	scale	2:1						
tolerance std	eng	Sander See	20131220			ecn no		rel level	Released						
ASME Y14.5	chr		20131220			product family									
	appr	Chen-Hong Tan	20131220			cat. no.	1012559	rev	A						
surface	linear	<table border="1"> <tr> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td>0.XXX</td> <td>±0.050</td> </tr> </table>		0.X	±0.3	0.XX	±0.10	0.XXX	±0.050	AIRMAX VS2 VERT RECEPT ASSY PRESS-FIT, 120 POS, 20mm, GXT+		Product - Customer Drw	sheet 3 of 4		
0.X	±0.3														
0.XX	±0.10														
0.XXX	±0.050														
ASME Y14.5	angular	0°	±2°	www.fci.com											

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10125559-102	TIN/LEAD ALLOY OVER NICKEL
10125559-102LF	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

spec ref	dr	20130509	projection	MM	size	A3	scale	3:1	
tolerance std	eng	20131209			ecn no	rel level	Released	rev	
ASME Y14.5	chr								
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	product family	AirMax VS					
surface	linear	0.X	±0.3		title AIRMAX VS2 VERT RECEPT ASSY PRESS-FIT, 120 POS, 20mm, GXT+	dwg no 10125559	cat. no. -	Product - Customer Drw	sheet 4 of 4
		0.XX	±0.10						
		0.XXX	±0.050						
ASME Y14.5	angular	0°	±2°						

Part File - REC C - 2009-04-09

1

2

3

PDS: Rev :A

STATUS:Released

Printed: Dec 20, 2013



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