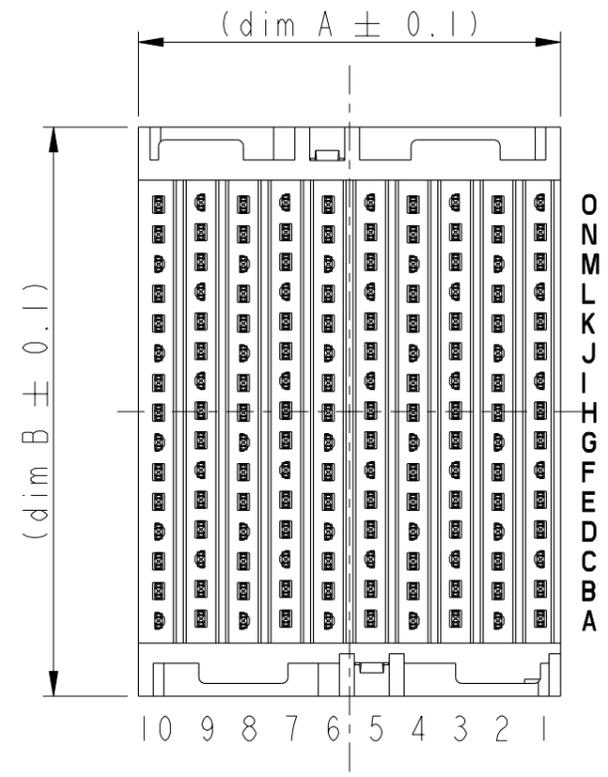
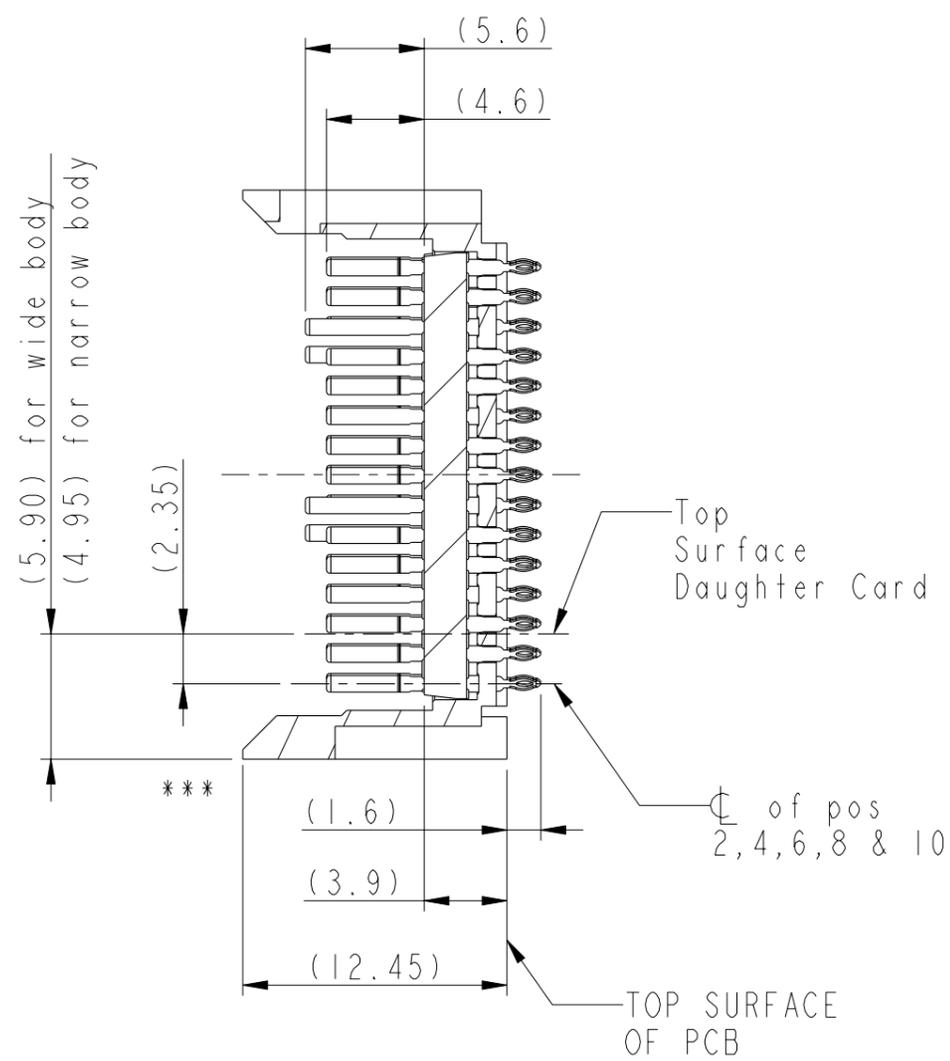


VIEWS WITHOUT PROTECTION COVER



For housing types and dim A and B see sheet 4

SECTION C-C

Part number:
10095500-1YZABCILF

- X = PLATING
- I=TELCORDIA CO (see note 2, sheet 6)
- YZ = HOUSING TYPE
 - 01 = 2 wall narrow body
 - 04 = 4 wall narrow body
 - 05 = 2 wall wide body (STANDARD VERSION)
 - 08 = 4 wall wide body

- ABC = PIN LAYOUT
 - 001 = standard layout (no detect pin)
 - xxx = other versions see sheet 2

LF = Lead Free
LF = Lead free product (see note 8 sheet 5)
no suffix = Non Lead free: available upon special request.

2 WALL WIDE BODY VERSION AS SHOWN

www.fciconnect.com		surface - ✓ ISO 1302	tolerance std ISO 406 ISO 1101	projection mm
TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	M. Cheong	2009-01-07	ANGULAR	0.X ±
Eng	M. Cheong	2009-01-07	LINEAR	0.XX ±
Chr	M. Cheong	2009-06-23	0° ±°	0.XXX ±
Appr	Joey Ng	2009-06-23	Product family	AirMax VS
			size	A3
			ECN	S09-0208
			Spec ref	CONCEPT
Title		AirMax VS VERTICAL HEADER		Rev.
dwg no		10095500		A
catalog no		CUSTOMER		sheet 1 of 6

rev	ecn no	dr	date
A	S09-0208	MCH	2009-06-23
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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* Detection pin of 3.9mm possible on standard positions H5.
 For other detection pin options please consult FCI.

Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ detect)	4.6mm Otherpins (typ sign)
10095500-1YZ0011(LF)	L1,M2,L3,M4,L5,M6,L7,M8,L9,M10 F1,G2,F3,G4,F5,G6,F7,G8,F9,G10	---	all other positions
10095500-1YZ0031(LF)	L1,M2,L3,M4,L5,M6,L7,M8,L9,M10 F1,G2,F3,G4,F5,G6,F7,G8,F9,G10	H5	all other positions



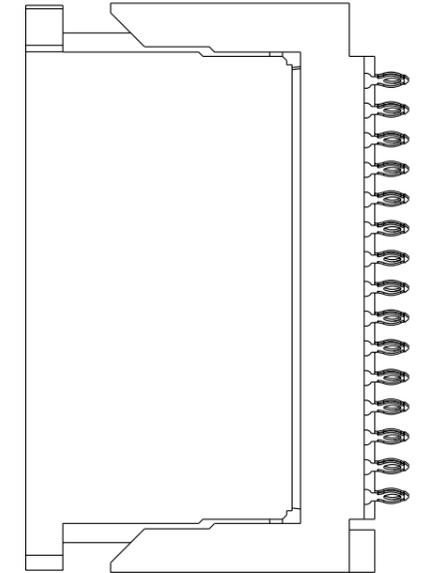
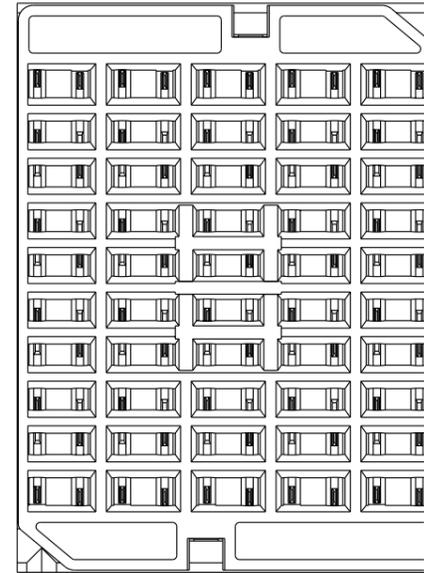
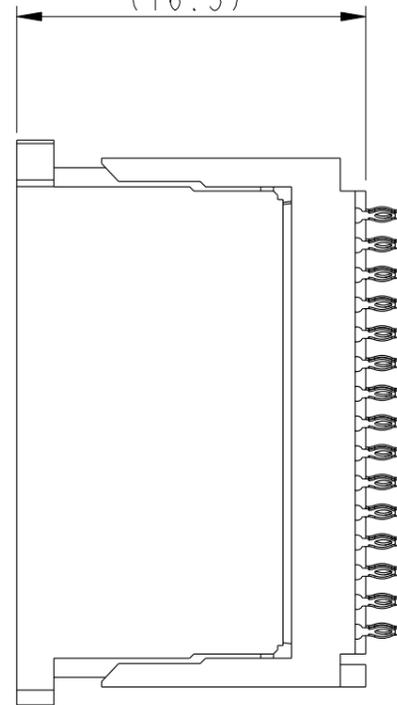
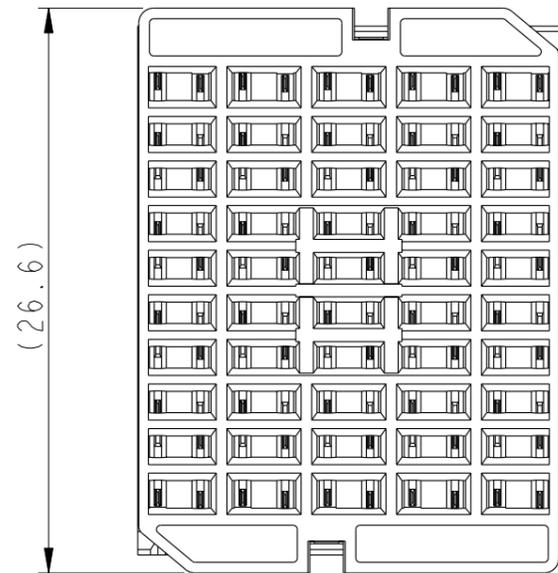
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	title AirMax VS VERTICAL HEADER 5pair, 150Pos, 2mm, 10IMLA, 85 Ohm	dwg no 10095500	Rev. A
	catalog no -	CUSTOMER	sheet 2 of 6

NARROW BODY

(16.5)

WIDE BODY



Triangle indicates position A1.
SEE NOTE 12.

Triangle indicates position A1.
SEE NOTE 12.

SEE NOTE 14

CUT-OUT SIDE AT
OPPOSITE SIDE OF
A1 INDICATOR.

SEE NOTE 13

NOTE 5 & 12.



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Title AirMax VS VERTICAL HEADER
5pair, 150Pos, 2mm, 10IMLA, 85 Ohm
catalog no -

dwg no

10095500

CUSTOMER

sheet 3 of 6

Rev.
A

1

2

3

4

NARROW BODY

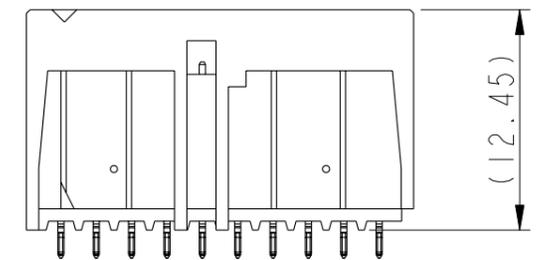
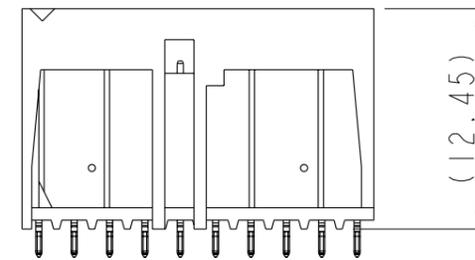
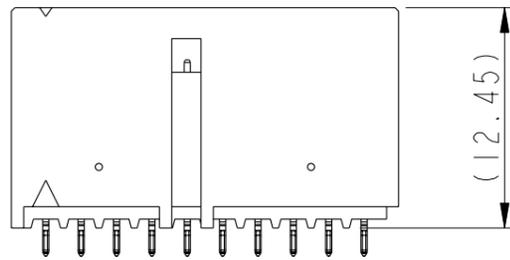
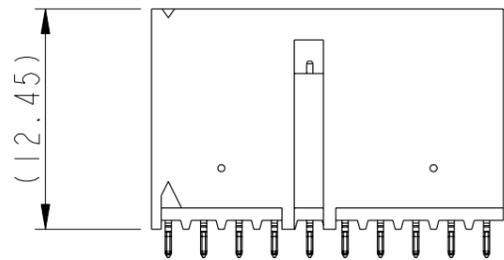
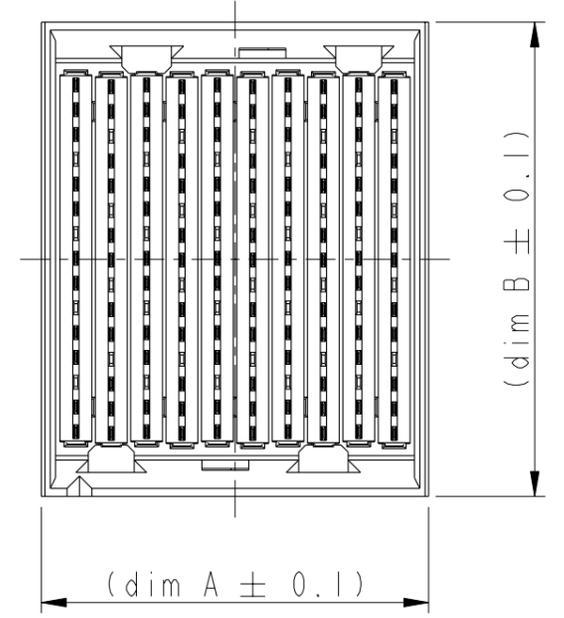
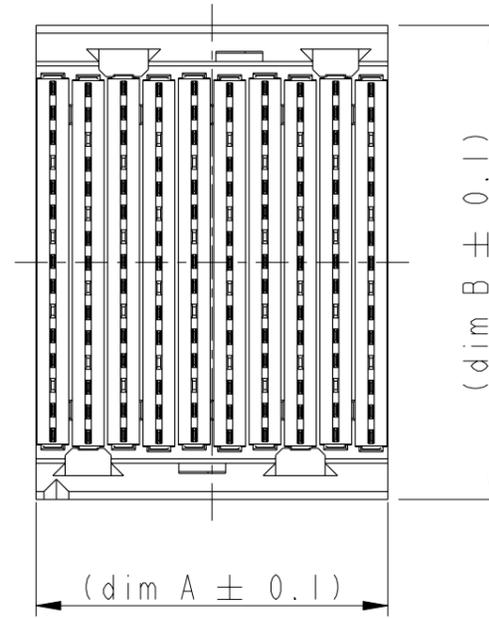
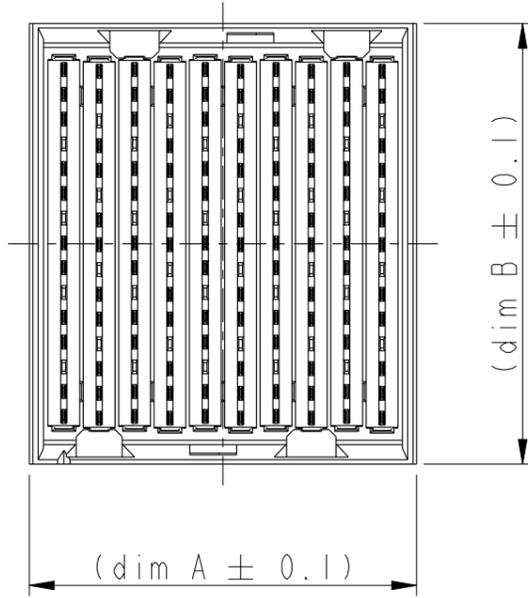
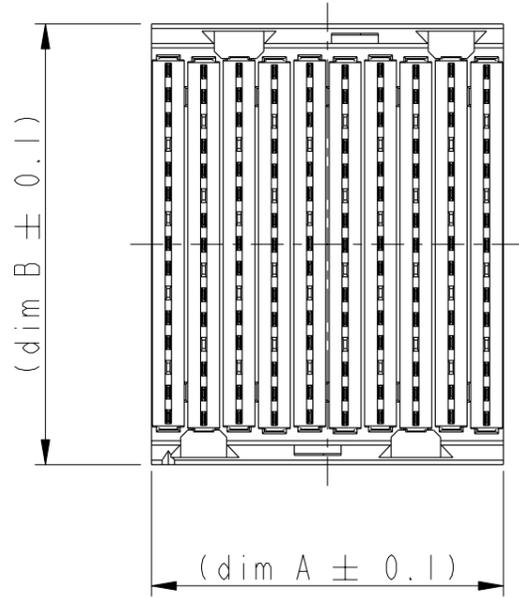
WIDE BODY

10095500-101ABC1

10095500-104ABC1

10095500-105ABC1

10095500-108ABC1



PN / dim	A	B
10095500-101ABC1(LF)	19.9	24.9
10095500-104ABC1(LF)	21.9	24.9
10095500-105ABC1(LF)	19.9	26.8
10095500-108ABC1(LF)	21.9	26.8

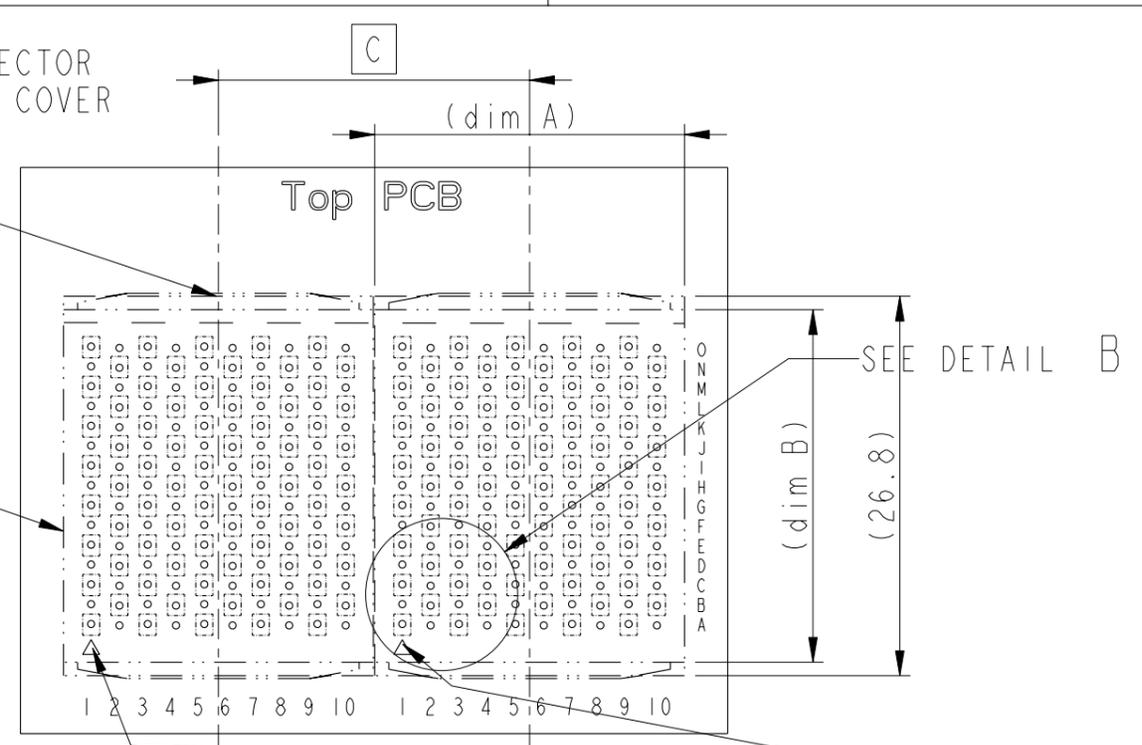
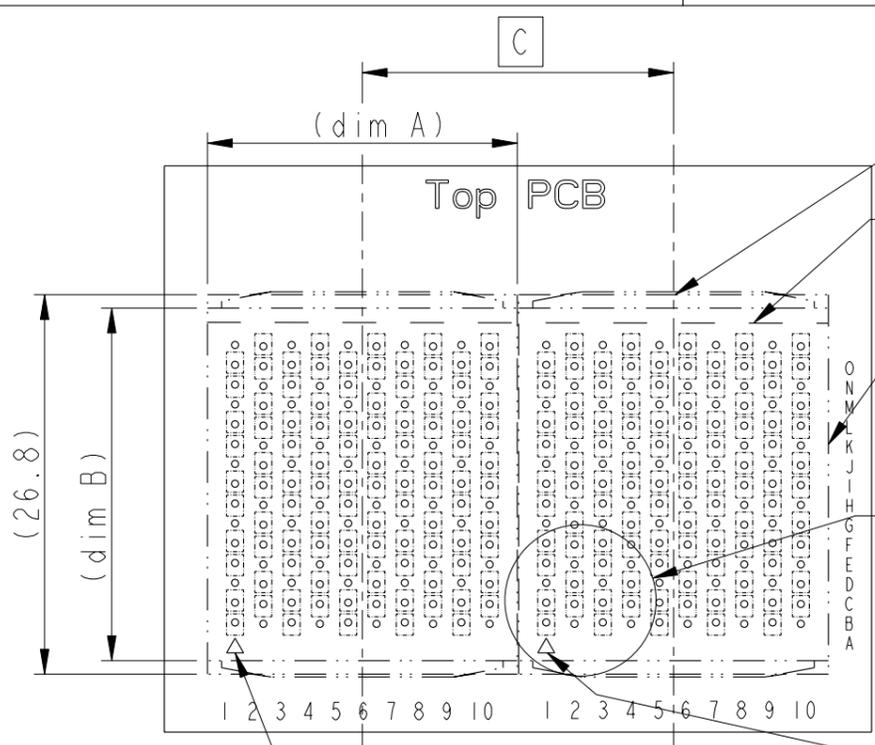
	Title AirMax VS VERTICAL HEADER 5pair, 150Pos, 2mm, 10IMLA, 85 Ohm catalog no -	dwg no 10095500 CUSTOMER	Rev. A sheet 4 of 6
	STATUS: Released		Printed: Dec 01, 2010

1

2

3

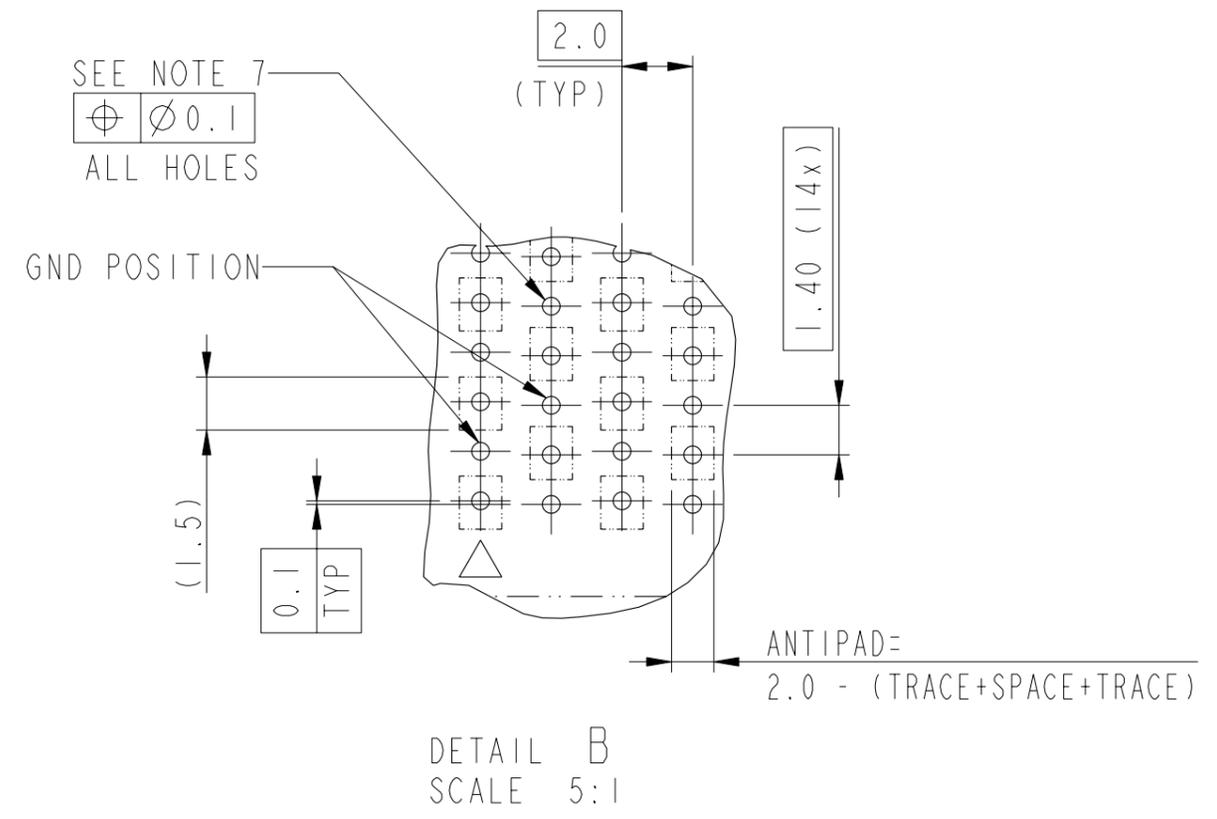
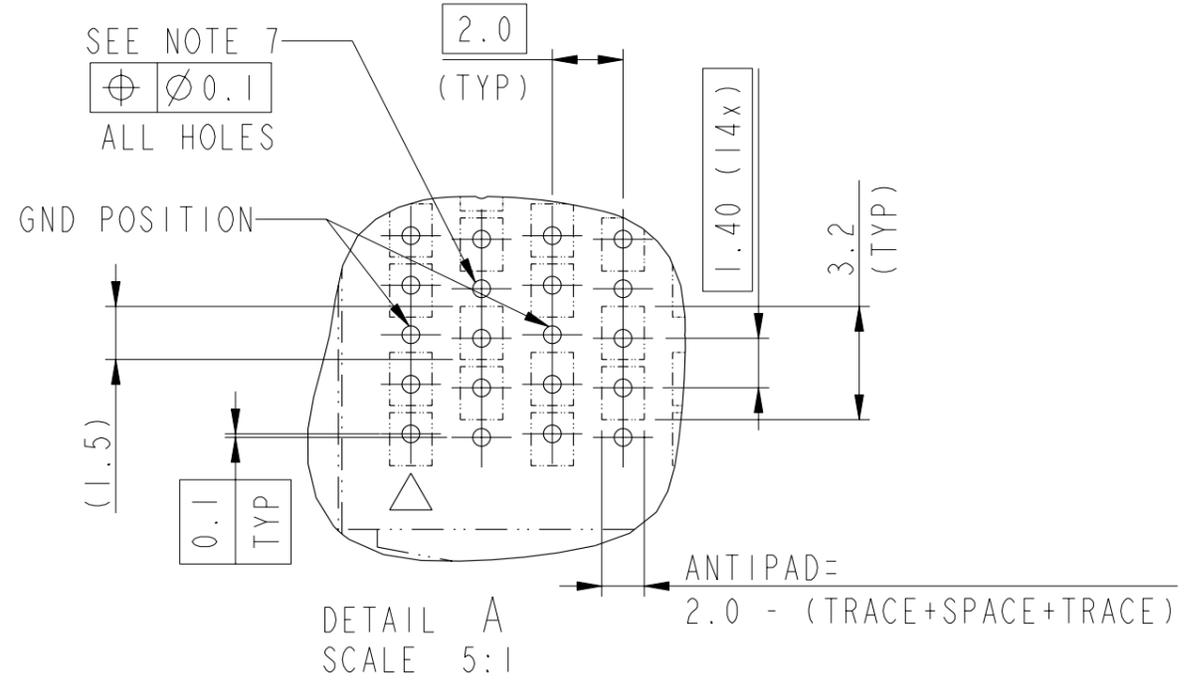




RECOMMENDED PCB LAYOUT FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE (TWO ADJECENT FOOTPRINTS SHOWN).

RECOMMENDED PCB LAYOUT FOR SINGLED ENDED APPLICATIONS COMPONENT SIDE (TWO ADJECENT FOOTPRINTS SHOWN).

PN \ dim	A	B	C
10095500-101ABC1(LF)	19.9	24.9	20
10095500-104ABC1(LF)	21.9	24.9	22
10095500-105ABC1(LF)	19.9	26.8	20
10095500-108ABC1(LF)	21.9	26.8	22



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NOTES:

1. CONNECTOR MATERIALS:
 HOUSING : HIGH TEMP THERMOPLASTIC, WHITE, UL94V-0
 PROTECTION COVER : HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
 IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, GREY, UL94V-0
 CONTACT: COPPER ALLOY
2. CONTACT PLATING:
 SEPARABLE INTERFACE: PERFORMANCE BASED PLATING, QUALIFIED TO MEET
 THE REQUIREMENTS OF FCI PRODUCT SPECIFICATIONS GS-12-239, INCLUDING
 TELCORDIA GR-1217-CORE (NOV 1995) CENTRAL OFFICE TEST SEQUENCE.
 PRESS-FIT TAILS: TIN-LEAD (NON LEAD FREE) OR
 TIN OVER NICKEL (LEAD FREE).
3. PRODUCT SPECIFICATION: GS-12-239.
4. APPLICATION SPECIFICATION: GS-20-035.
 FLATROCK INSERTION INTO PCB BY PUSHING ON TOP
 OF SURFACE PROTECTION COVER
5. PRODUCT MARKING, (PARTNUMBER " 85 Ohm" & LOTCODE).
6. PROTECTION COVER MUST BE REMOVED BEFORE
 MATING WITH RECEPTACLE CONNECTOR
7. SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE
 DIAMETER AND PLATING OPTIONS.
8. LEAD FREE PARTNUMBERS MEETS THE EUROPEAN UNION DIRECTIVE &
 OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. THE HOUSING SHOULD WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
 FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
10. PACKAGE PER GS-14-1086 AND GS-14-920 LEAD FREE LABELING SPEC.
11. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
12. IT IS RECOMMENDED TO PUT THIS VISIBLE LINE AND THE AI INDICATION
 (TRIANGLE) ON THE PCB TO INDICATE PROPER ORIENTATION.
 OTHER VISIBLE POLARIZATION MARKS ARE AI INDICATOR AND PRINTING SIDE.
 (SEE SHEET 3)
13. GRIPPING FEATURE TO REMOVE PROTECTION COVER BY FINGERS.
14. GRIPPING FEATURE TO REMOVE PROTECTION COVER BY STANDARD PLIERS.
15. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING
 PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES.



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