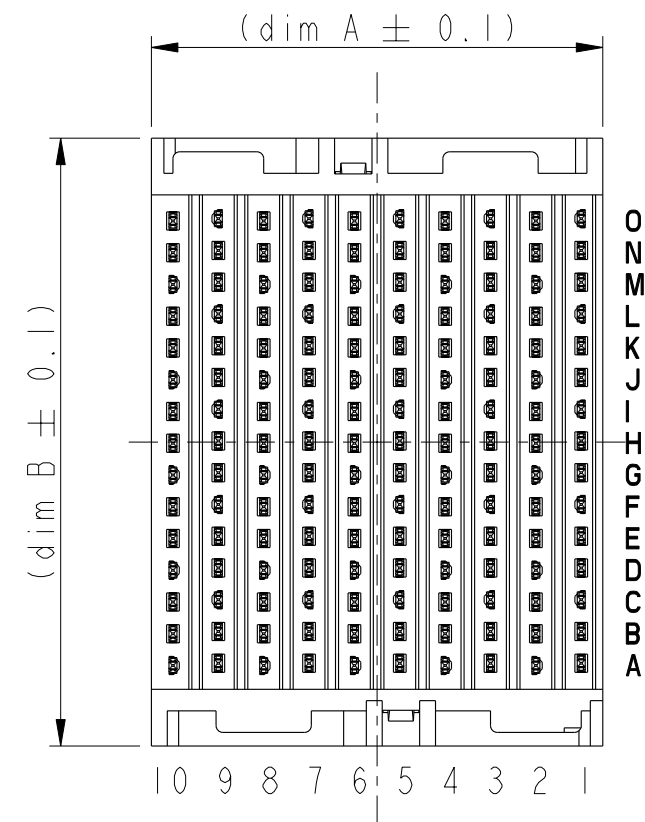
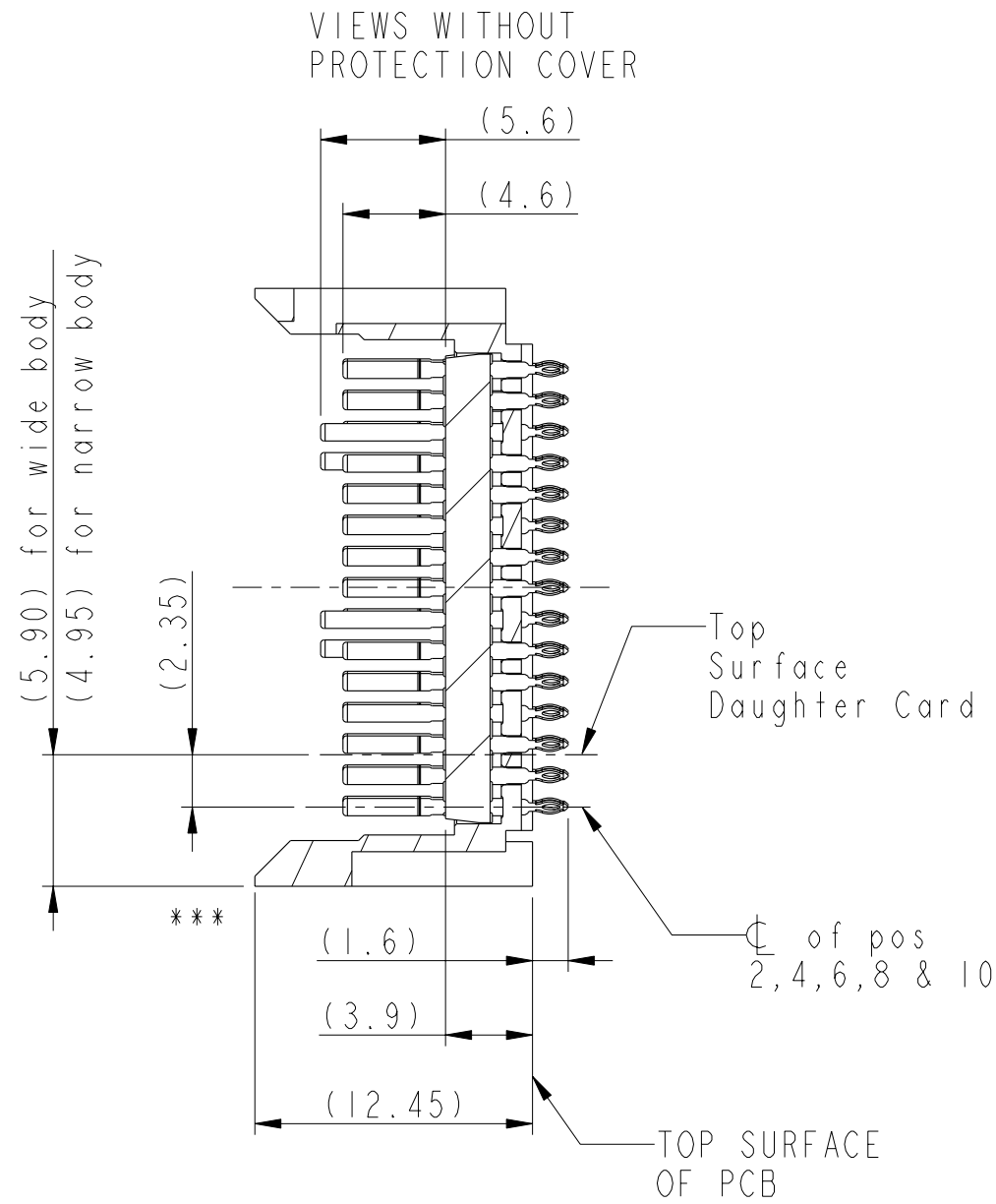
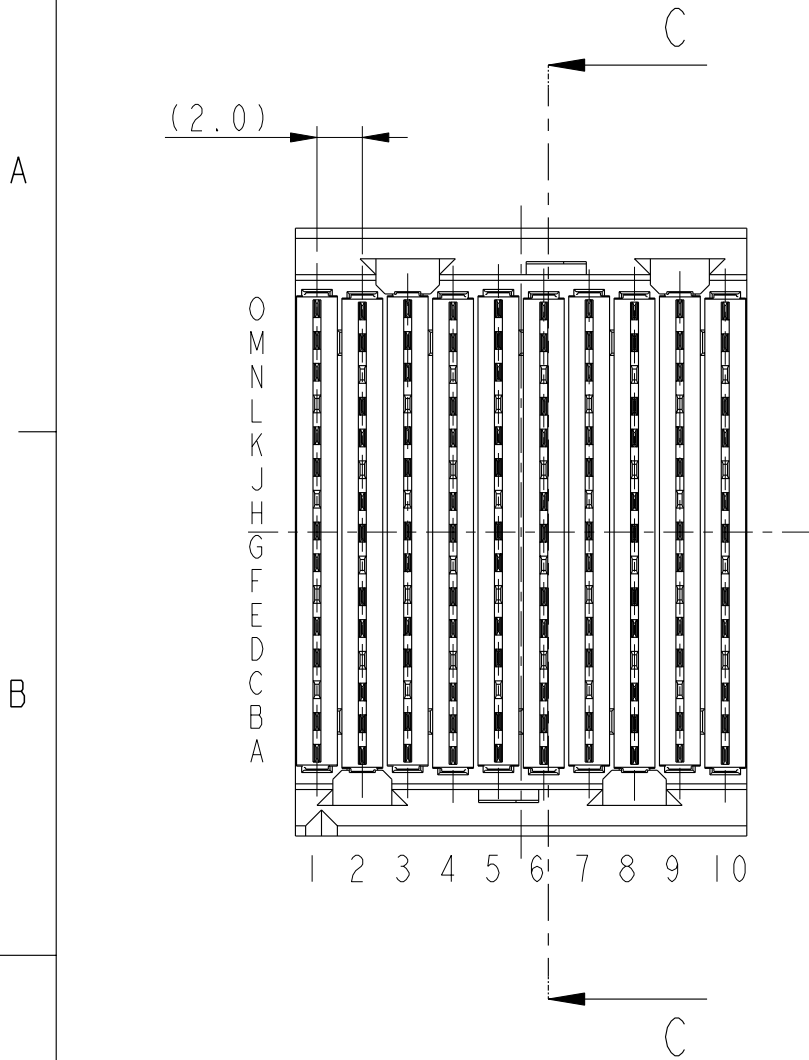




Partnumber:
10095500-1YZABCILF

X = PLATING
I=TELCORDIA CO (see note 2, sheet 6)

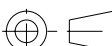
YZ = HOUSING TYPE
01 = 2 wall narrow body
04 = 4 wall narrow body
05 = 2 wall wide body (STANDARD VERSION)
08 = 4 wall wide body

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

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

www.fciconnect.com			surface - 		tolerance std ISO 1302 ISO 406 ISO 1101		projection 	 mm		
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	M. Cheong	2009-01-07	ANGULAR	LINEAR	0.X	±	size A3	Scale 2:1		
Eng	M. Cheong	2009-01-07			0.XX	±				
Chr	M. Cheong	2009-06-23	0°		±°	0.XXX	±	ECN	S09-0208	
Appr	Joey Ng	2009-06-23	Product family AirMax VS				Spec ref CONCEPT			
		title	AirMax VS VERTICAL HEADER 5pair, 150Pos, 2mm, 10IMLA, 85 Ohm				dwg no	10095500		Rev. A
		catalog no				-	CUSTOMER		sheet 1 of 6	

* 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



AirMax VS VERTICAL HEADER
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A

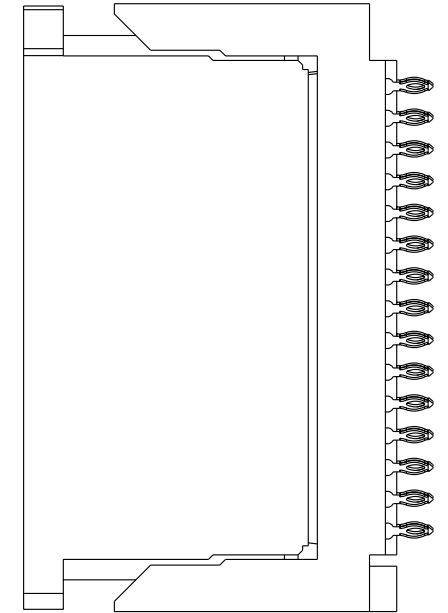
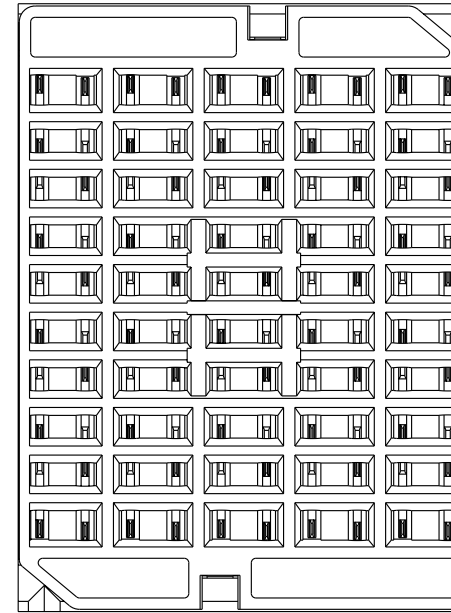
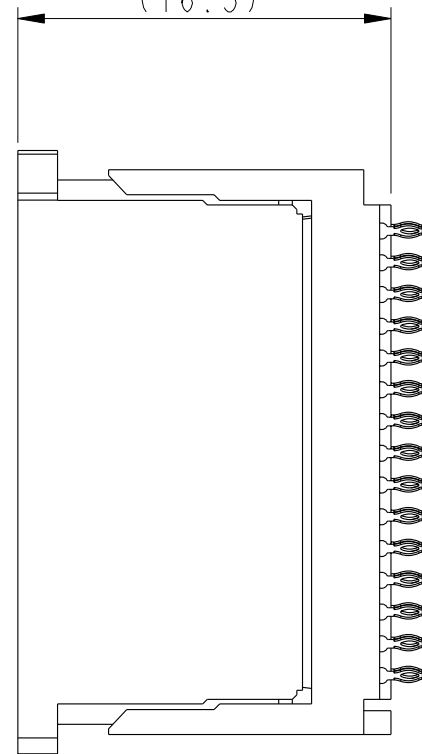
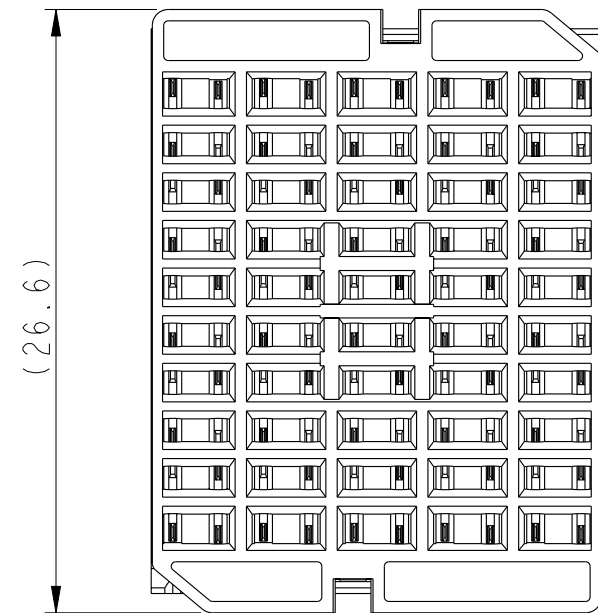
CUSTOMER

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.



title AirMax VS VERTICAL HEADER
5pair, 150Pos, 2mm, 10IMLA, 85 Ohm
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1

2

3

4

NARROW BODY

WIDE BODY

10095500-101ABC1

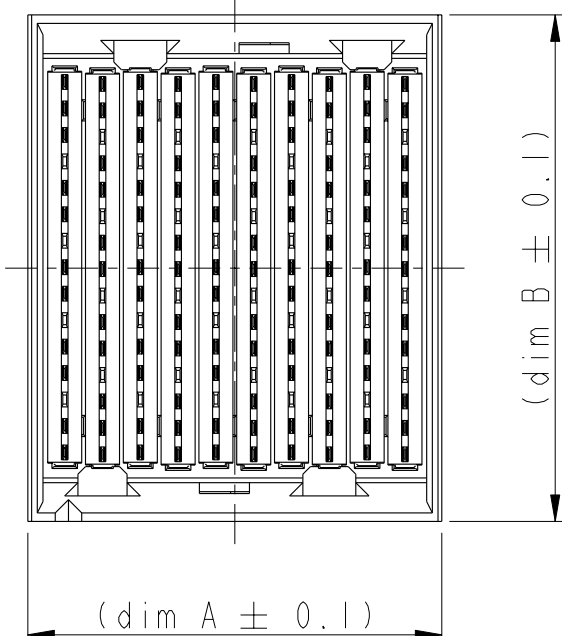
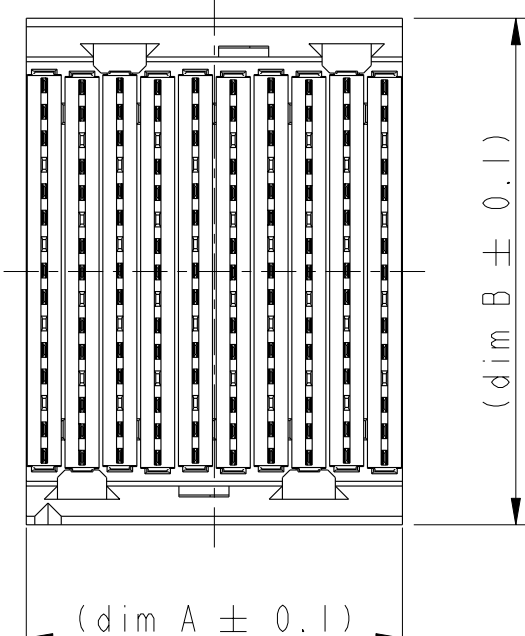
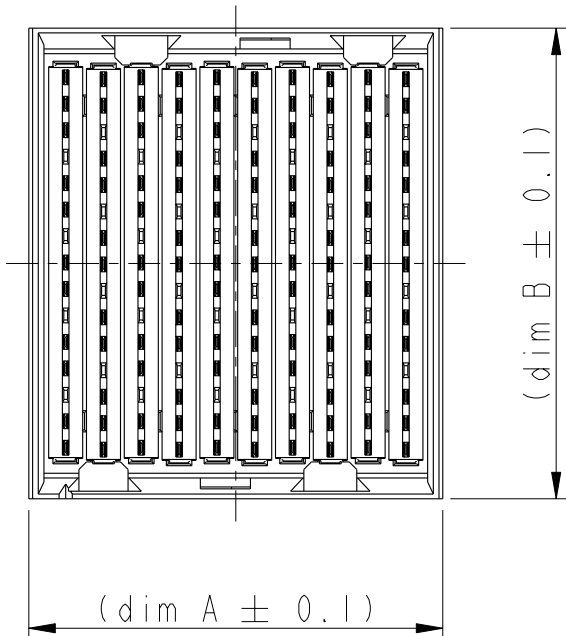
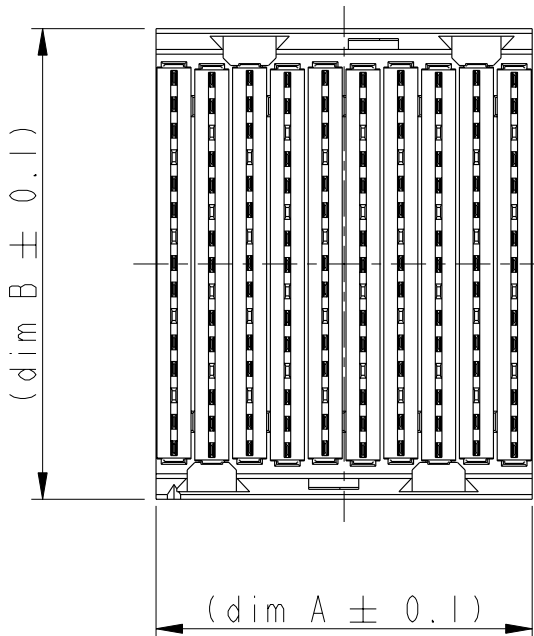
10095500-104ABC1

10095500-105ABC1

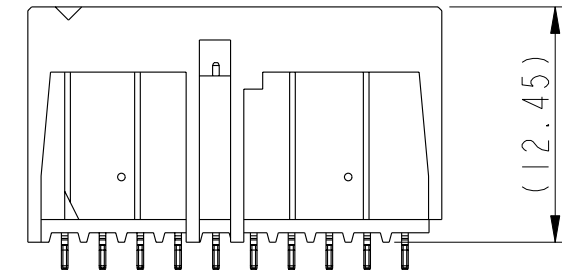
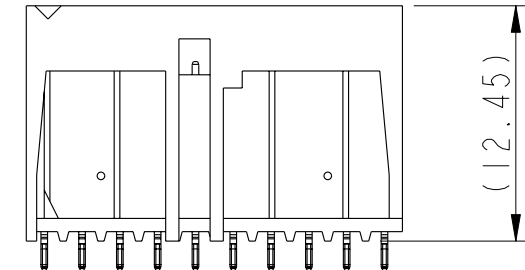
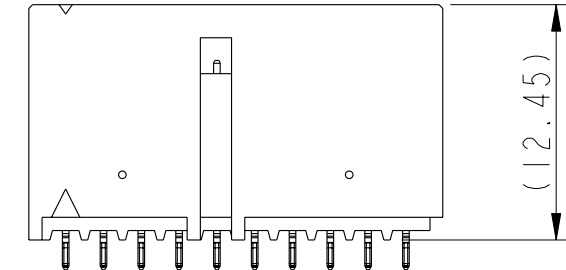
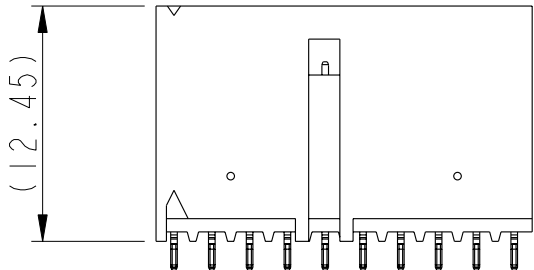
10095500-108ABC1

A

B



C



A

B

C

D

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		dwg no	10095500		Rev.
			5pair, 150Pos, 2mm, 10IMLA, 85 Ohm					
	catalog no		-			CUSTOMER		
								A

1

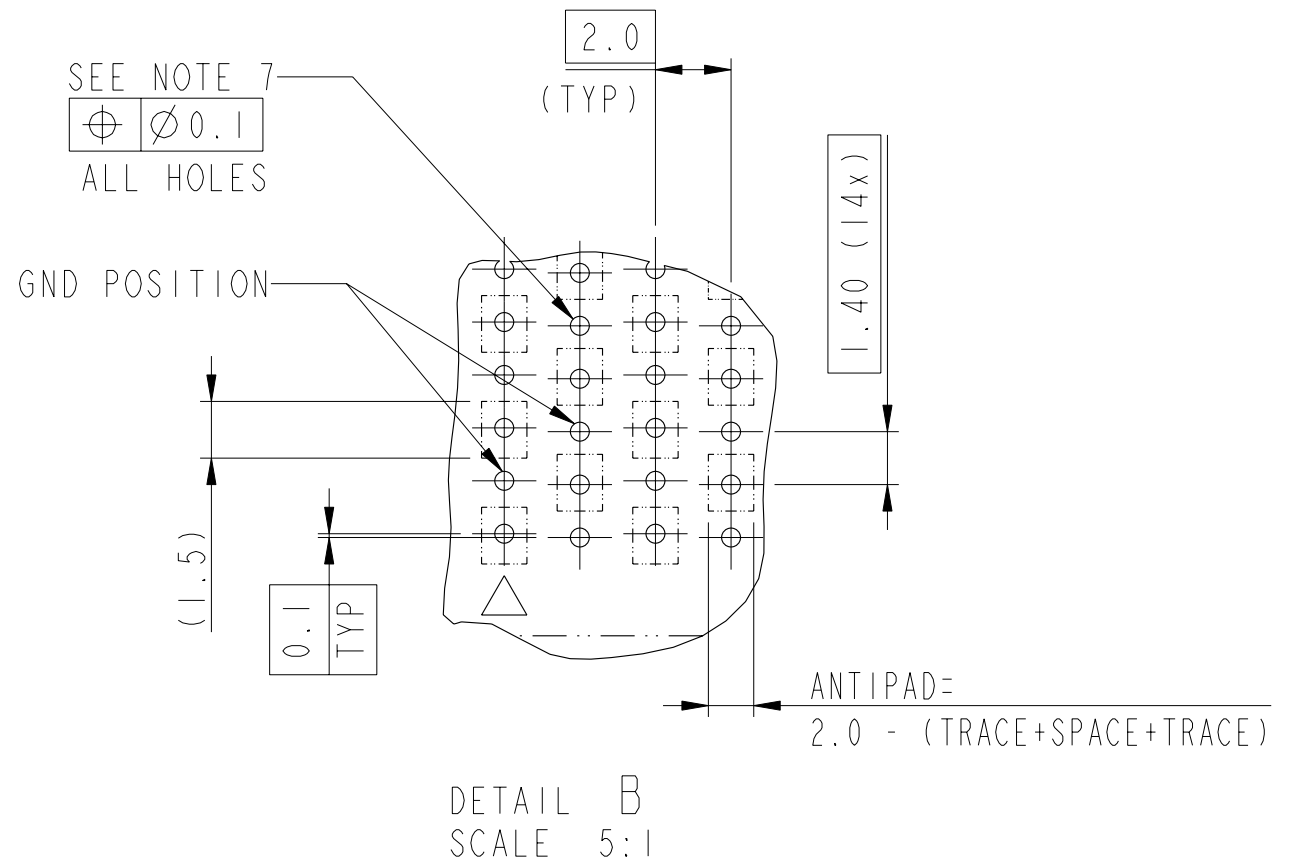
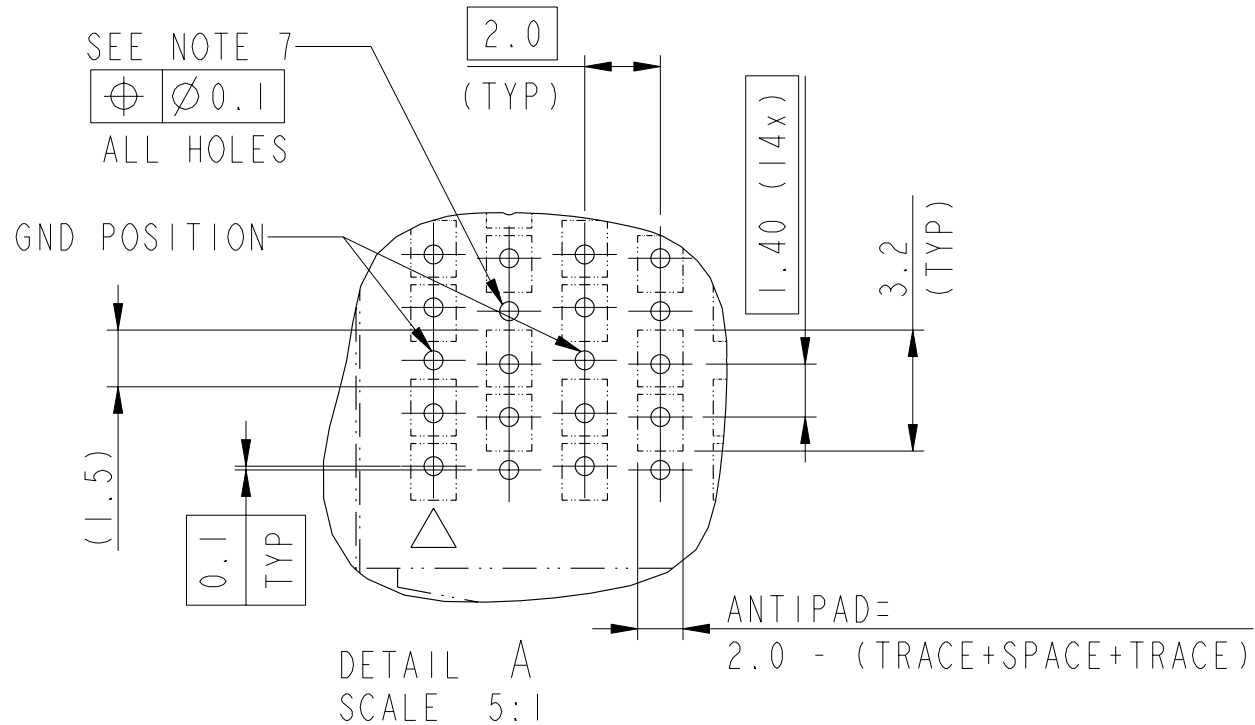
2

3



Copyright FCI.

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



title AirMax VS VERTICAL HEADER
5pair, 150Pos, 2mm, 101MLA, 85 Ohm
catalog no -

dwg no 10095500
CUSTOMER

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sheet 5 of 6

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.

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