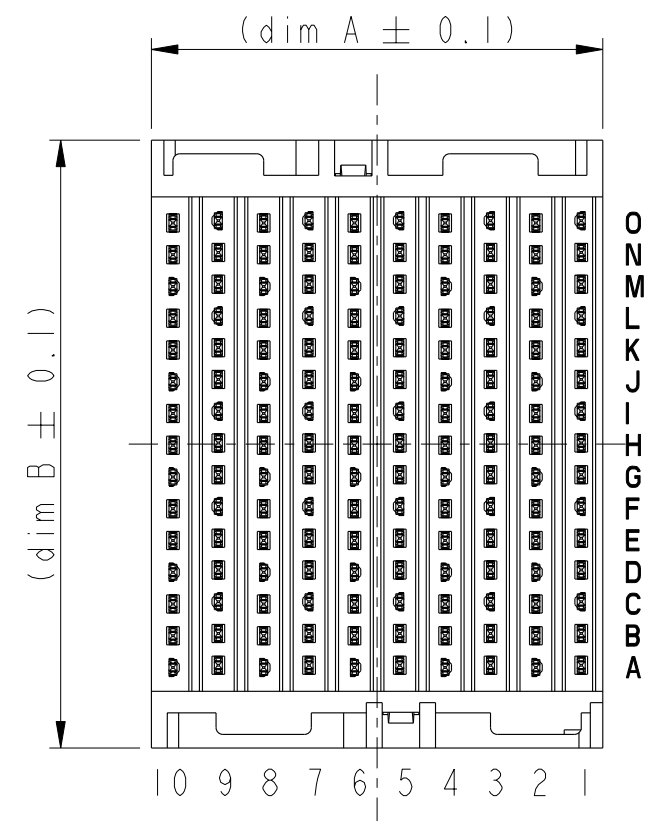
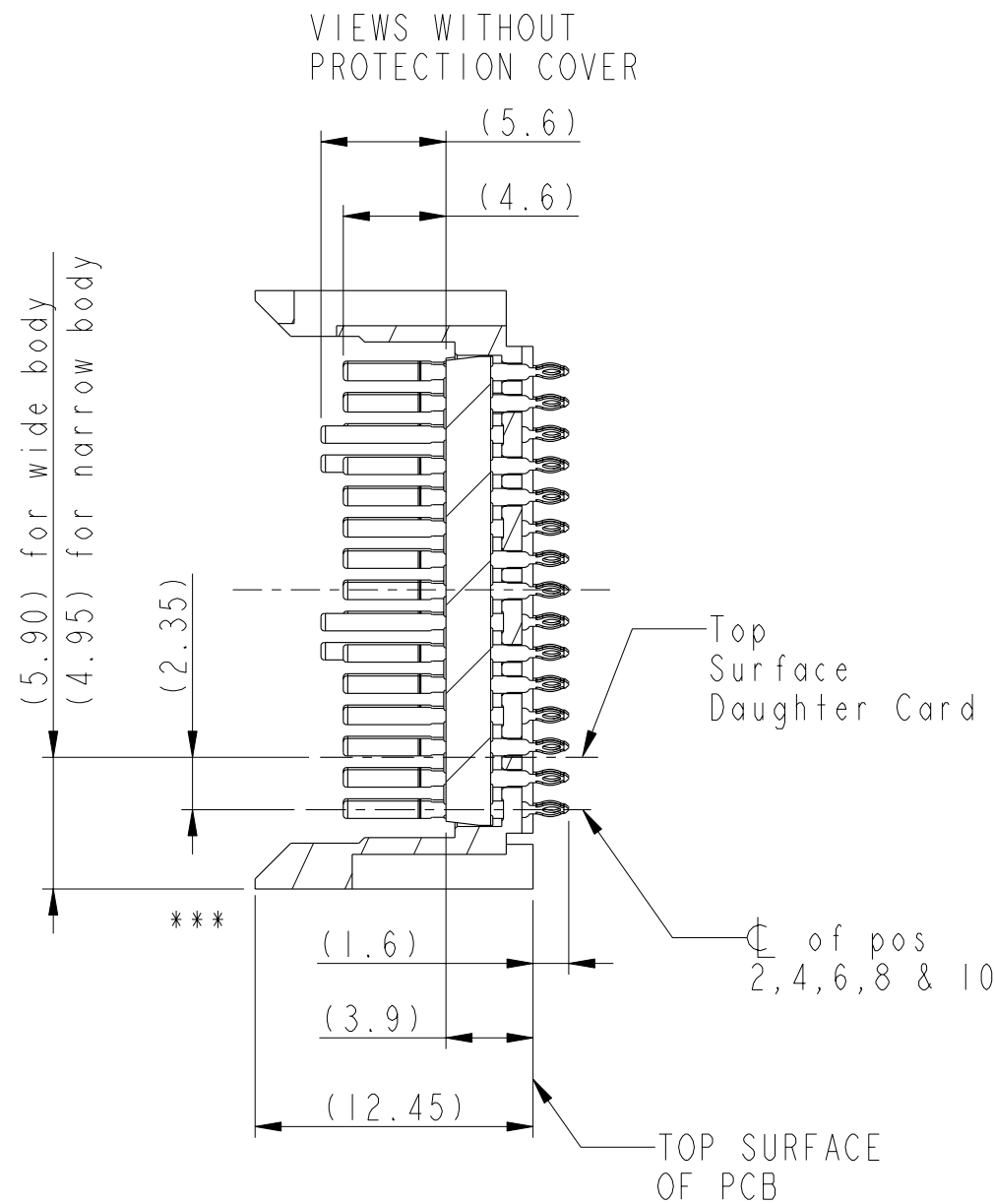
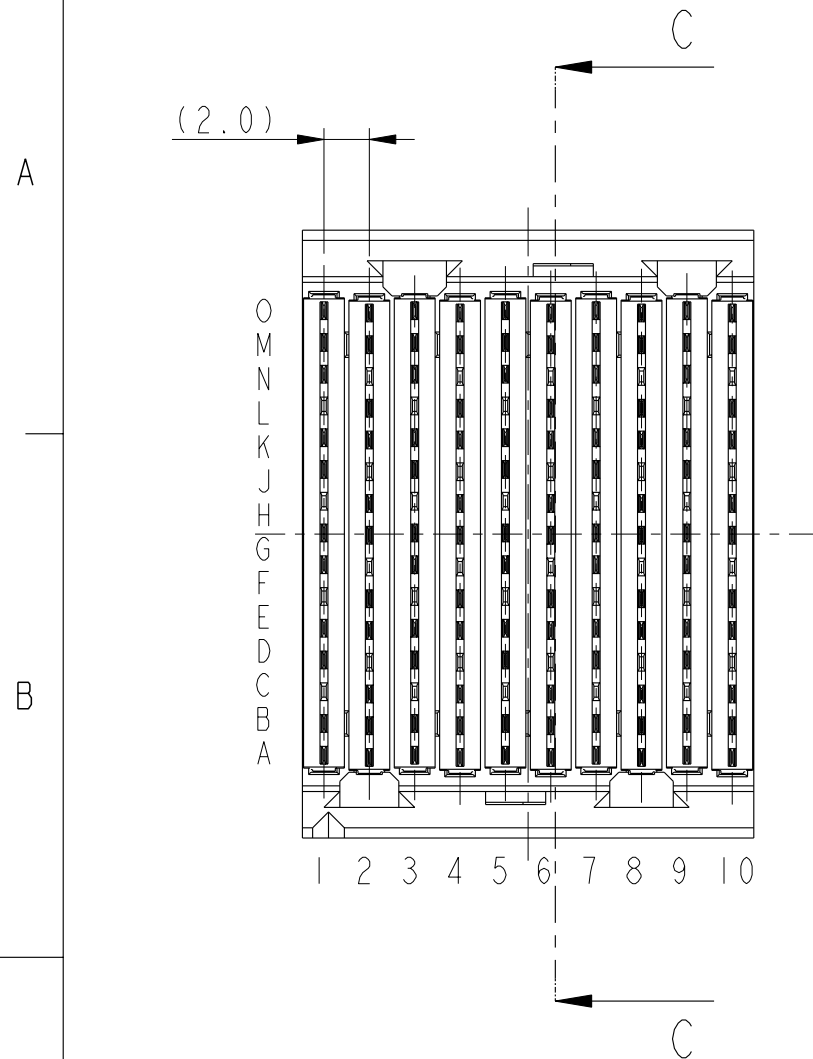




Partnumber:
10095500-1YZABCILF

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

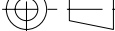
YZ = HOUSING TYPE
01 = 2 wall narrow body
04 = 4 wall narrow body
05 = 2 wall wide body (STANDARD VERSION)
08 = 4 wall wide body

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 - ✓ ISO 1302		tolerance std 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		
Appr	Joey Ng	2009-06-23	Product family AirMax VS				Spec ref	CONCEPT
		title AirMax VS VERTICAL HEADER				dwg no 10095500		Rev. A
		5pair, 150Pos, 2mm, 10IMLA, 85 Ohm						
		catalog no				CUSTOMER		



* 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
5pair, 150Pos, 2mm, 10IMLA, 85 Ohm
catalog no

dwg no

10095500

Rev.
A

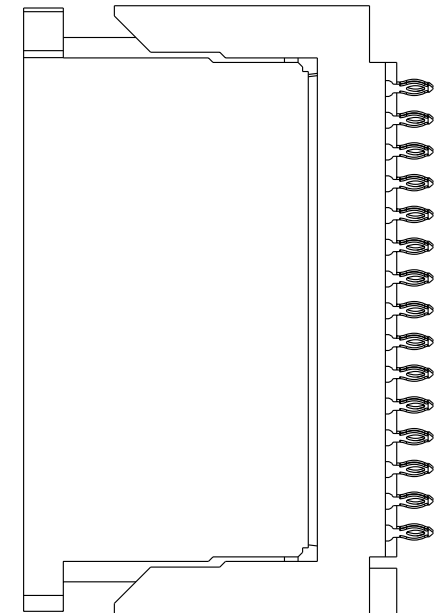
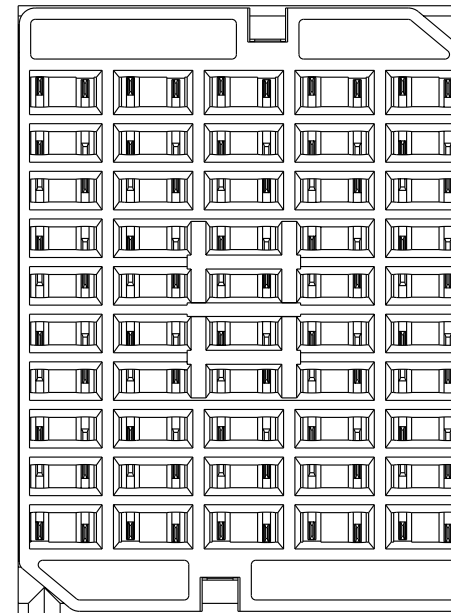
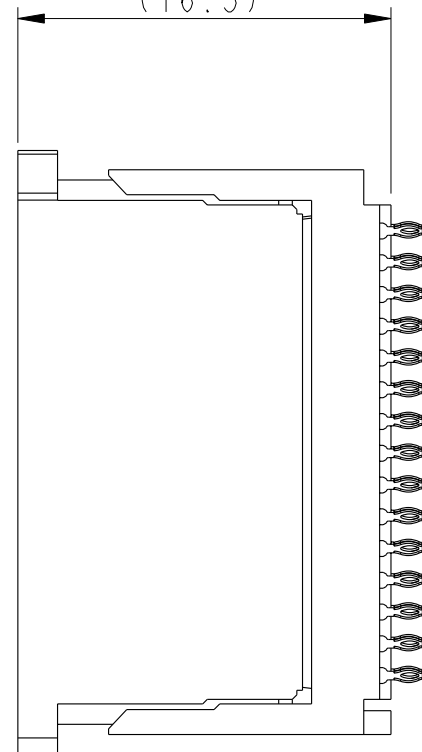
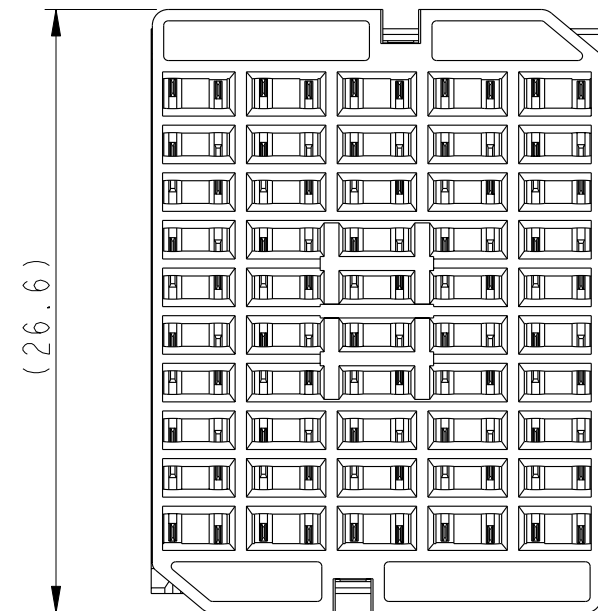
CUSTOMER

sheet 2 of 6

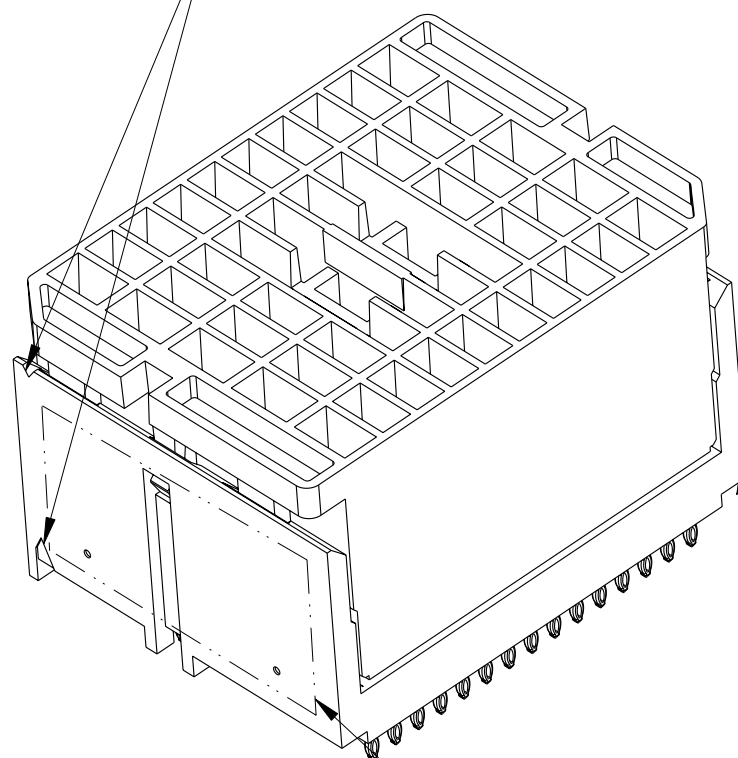
NARROW BODY

(16.5)

WIDE BODY



Triangle indicates position A1.
SEE NOTE 12.

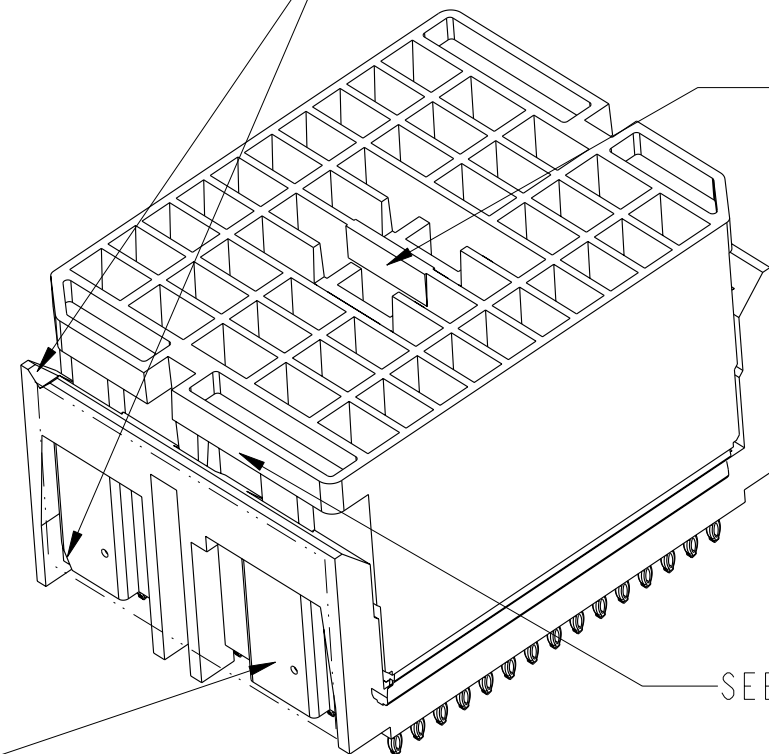


CUT-OUT SIDE AT
OPPOSITE SIDE OF
A1 INDICATOR.

NOTE 5 & 12.

Triangle indicates position A1.
SEE NOTE 12.

SEE NOTE 14



SEE NOTE 13



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

dwg no	10095500	Rev.	A
CUSTOMER		sheet 3 of 6	

1

2

3

4

NARROW BODY

WIDE BODY

10095500-101ABC1

10095500-104ABC1

10095500-105ABC1

10095500-108ABC1

A

A

B

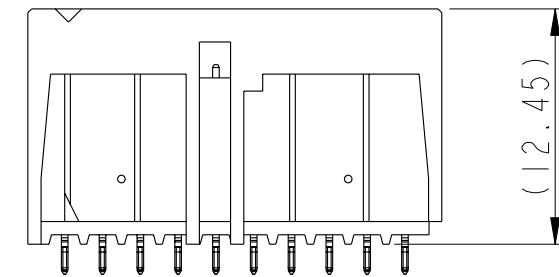
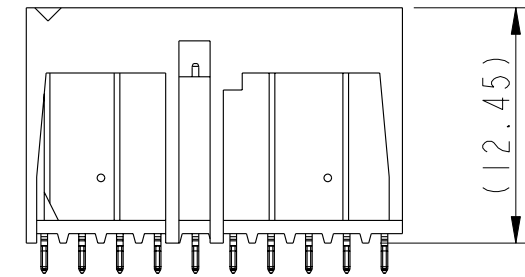
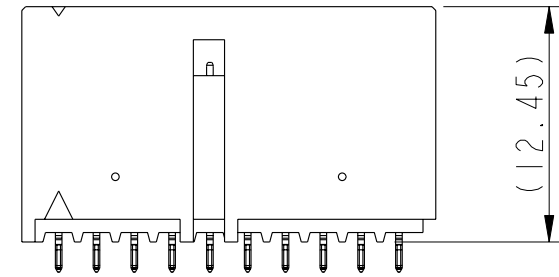
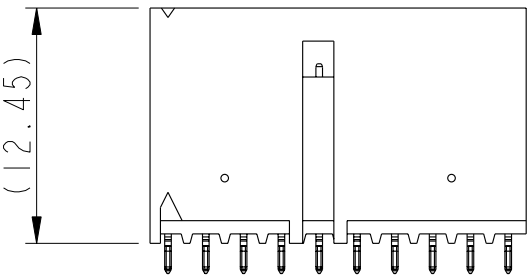
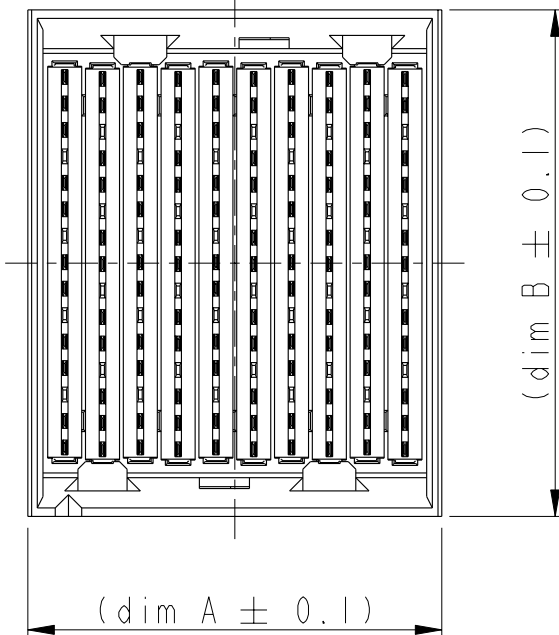
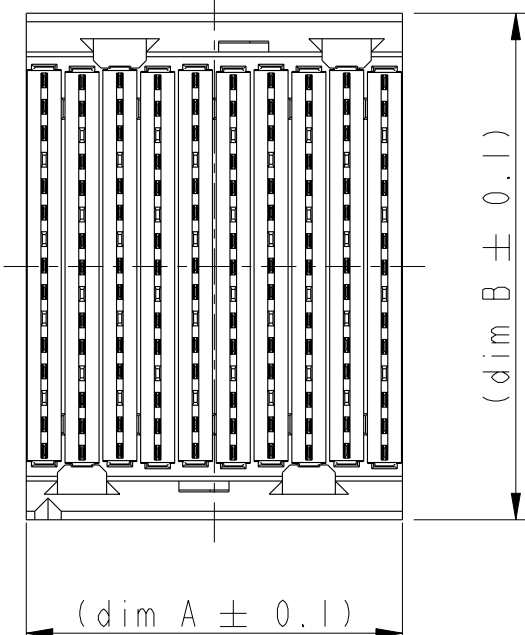
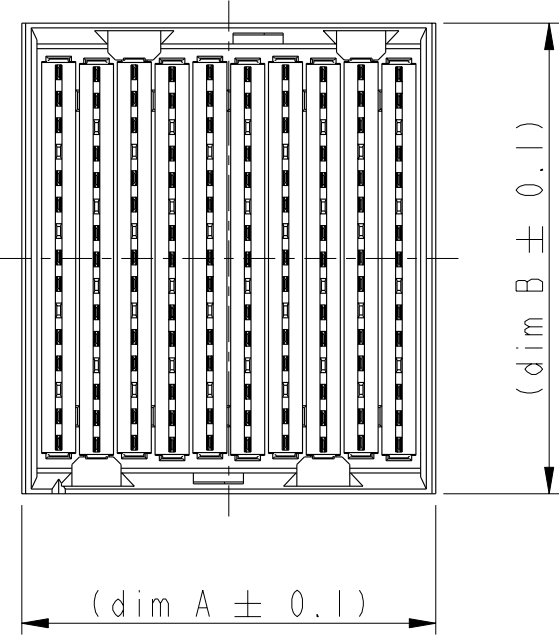
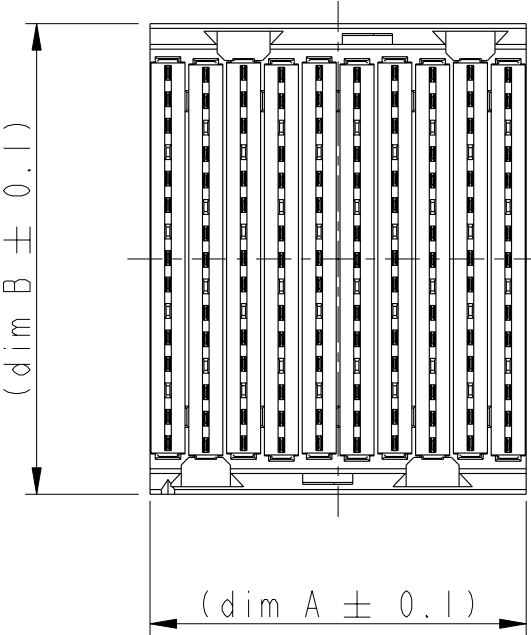
B

C

C

D

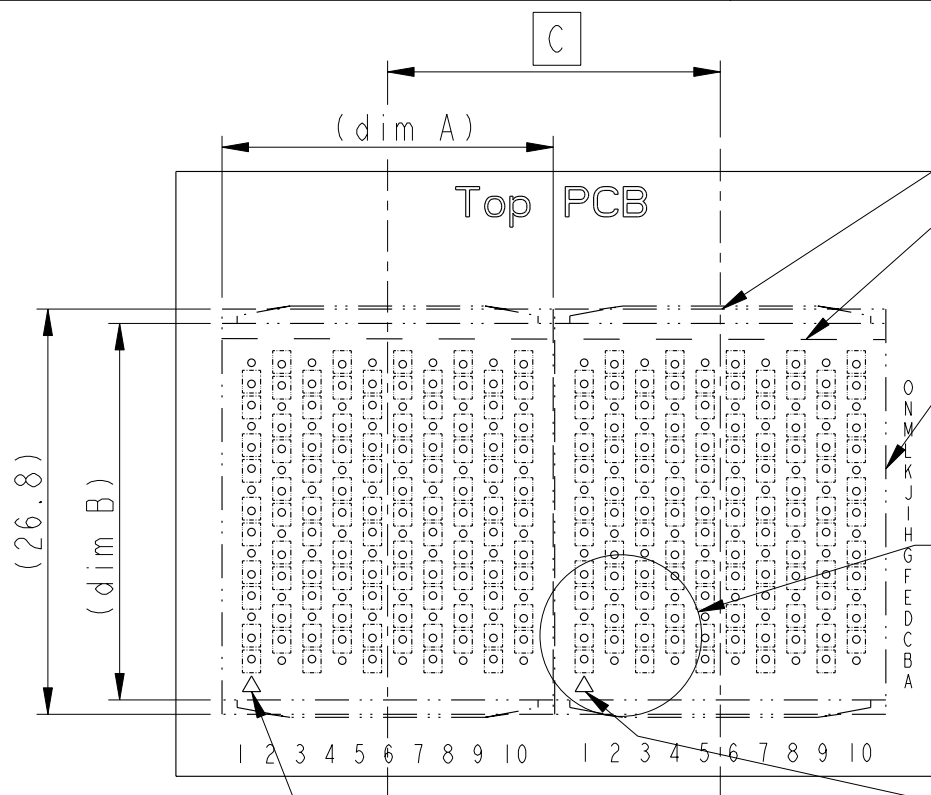
D



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. A
		5pair, 150Pos, 2mm, 10IMLA, 85 Ohm					
	catalog no	-	CUSTOMER		sheet 4 of 6		

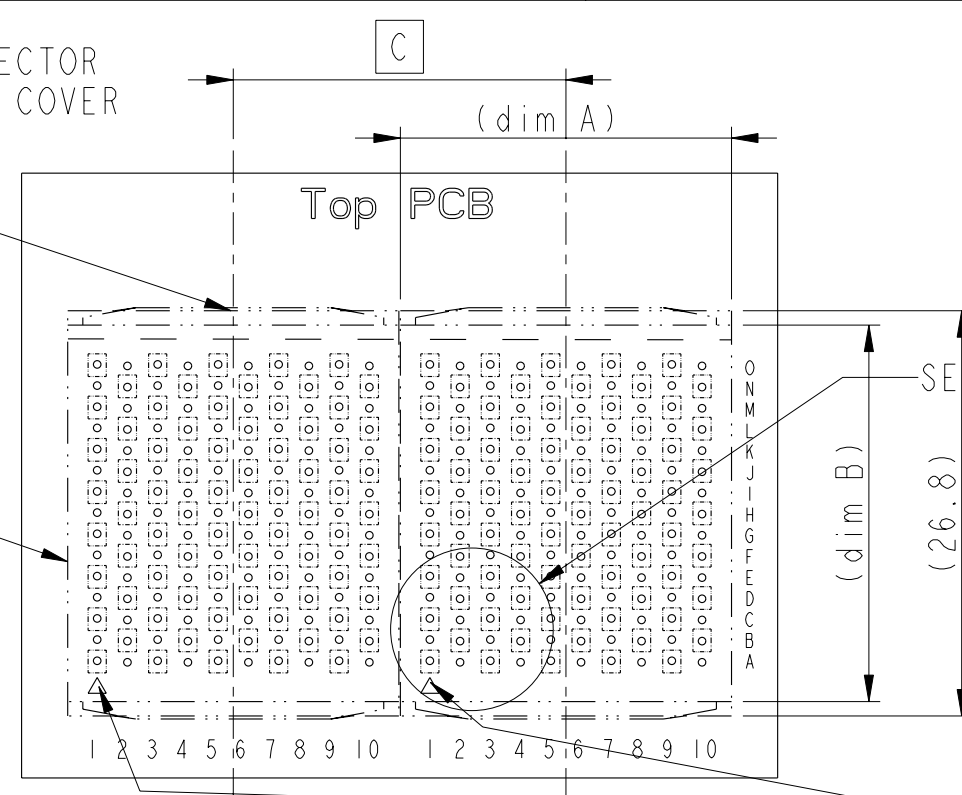
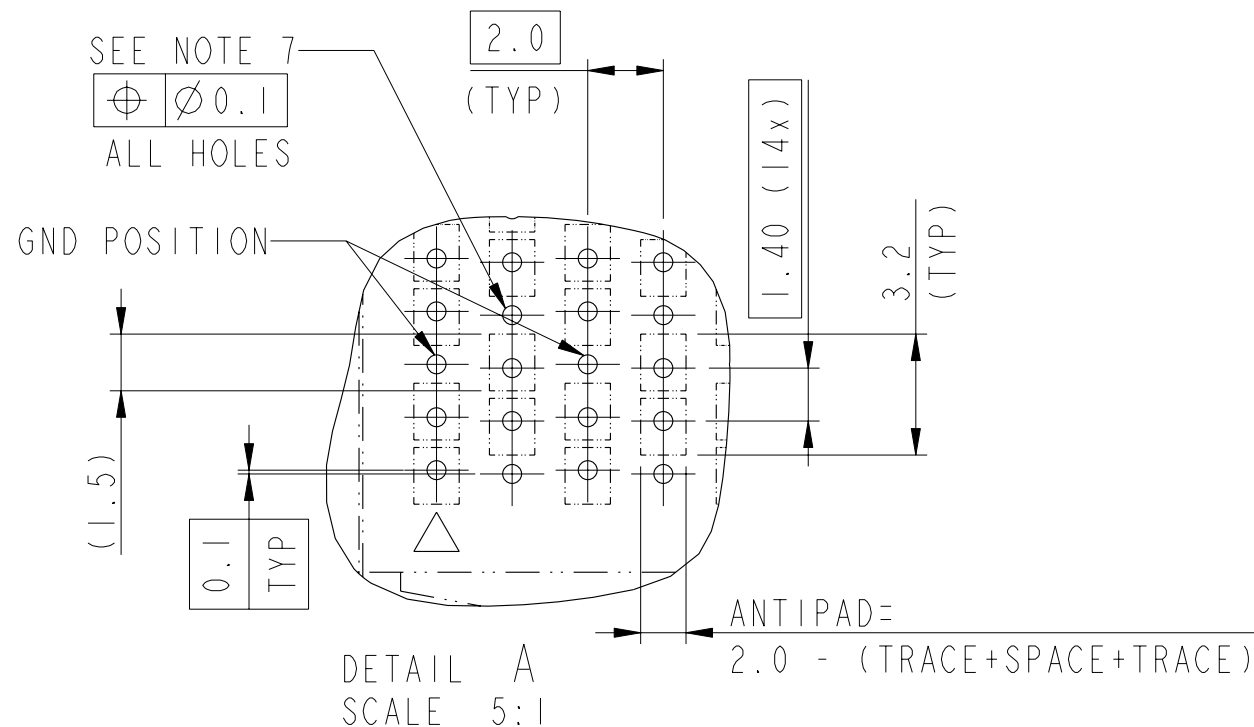




RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE
(TWO ADJECENT FOOTPRINTS SHOWN).

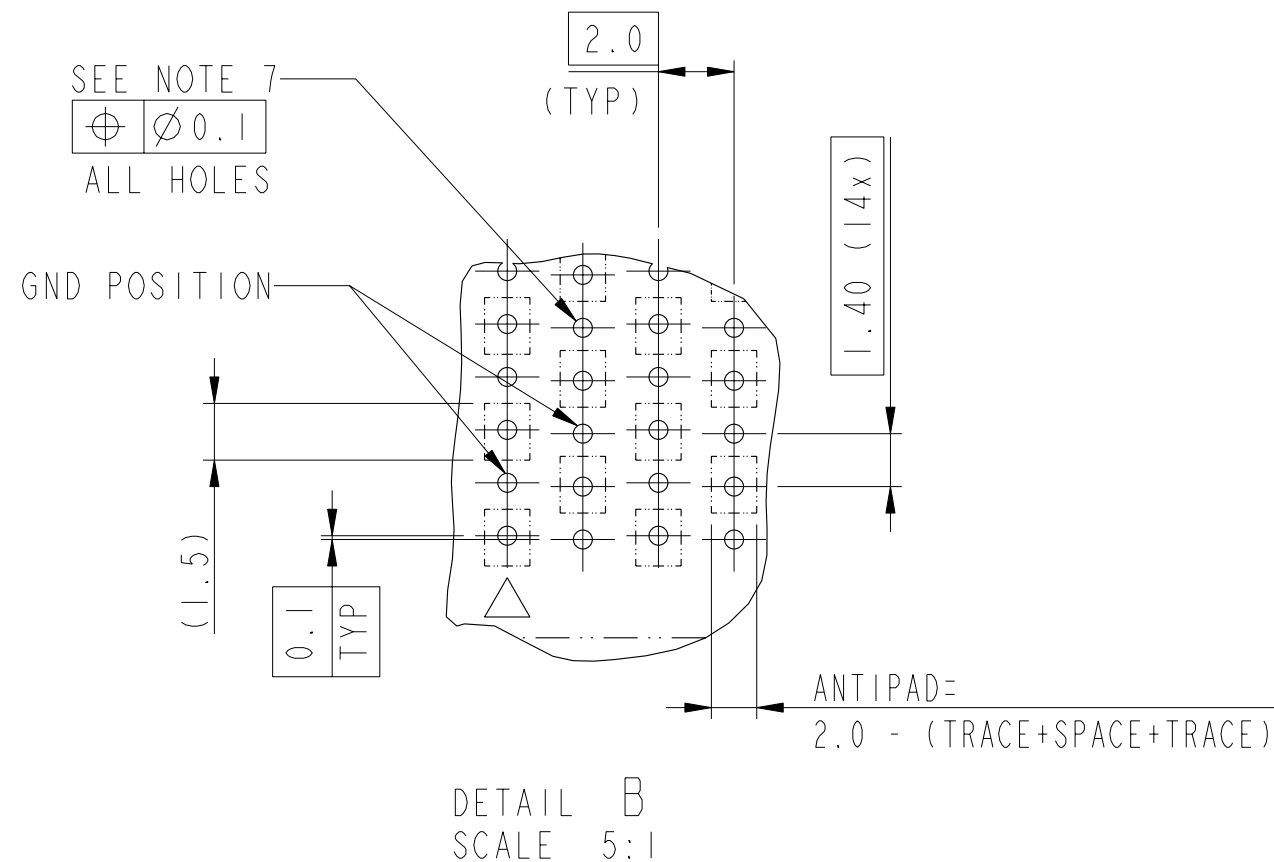
Triangle
indicates
position A1
SEE NOTE 12

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



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

Triangle
indicates
position A1
SEE NOTE 12



FCI	title	AirMax VS VERTICAL HEADER		dwg no	10095500	Rev.	A
	5pair, 150Pos, 2mm, 101MLA, 85 Ohm						
catalog no				CUSTOMER		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		