

For housing types and dim A and B see sheet 4

Partnumber:
10055307-1YZABCILF

PLATING

I = TELCORDIA CO (see note 2 sheet 5)

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


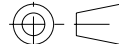


LF = Lead Free

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

SECTION C-C

2 WALL WIDE BODY VERSION AS SHOWN

rev	ecn no	dr	date
A	S08-0282	MCH	2008-08-28
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface -  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	R.de Blieck	2005-04-11	ANGULAR	LINEAR	0.X	±	size A3	Scale 3:1			
Eng	R.de Blieck	2005-04-11			0.XX	±					
Chr	M. Cheong	2008-08-28			0° ±°	0.XXX			±		
Appr	Joey Ng	2008-08-28	Product family AirMax VS				Spec ref		CONCEPT		
		title AirMax VS VERTICAL HEADER 4 pair, 96pos, 2mm, 8 IMLA				dwg no 10055307				Rev. A	
		catalog no				CUSTOMER		sheet 1 of 5			

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

Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ detect)	4.6mm Otherpins (typ sign)
10055307-IYZ0011(LF)	F1,F3,F5,F7, G2,G4,G6,G8	-	all other positions
10055307-IYZ0031(LF)	F1,F3,F5,F7, G2,G4,G6,G8	H5	all other positions



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AirMax VS VERTICAL HEADER
4 pair, 96pos, 2mm, 8 IMLA
catalog no

dwg no

10055307

Rev.
A

CUSTOMER

sheet 2 of 5

1

2

3

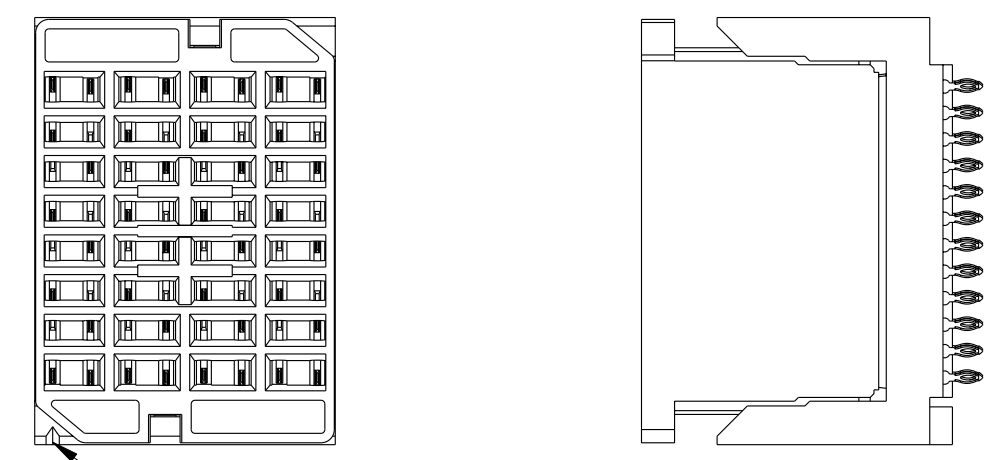
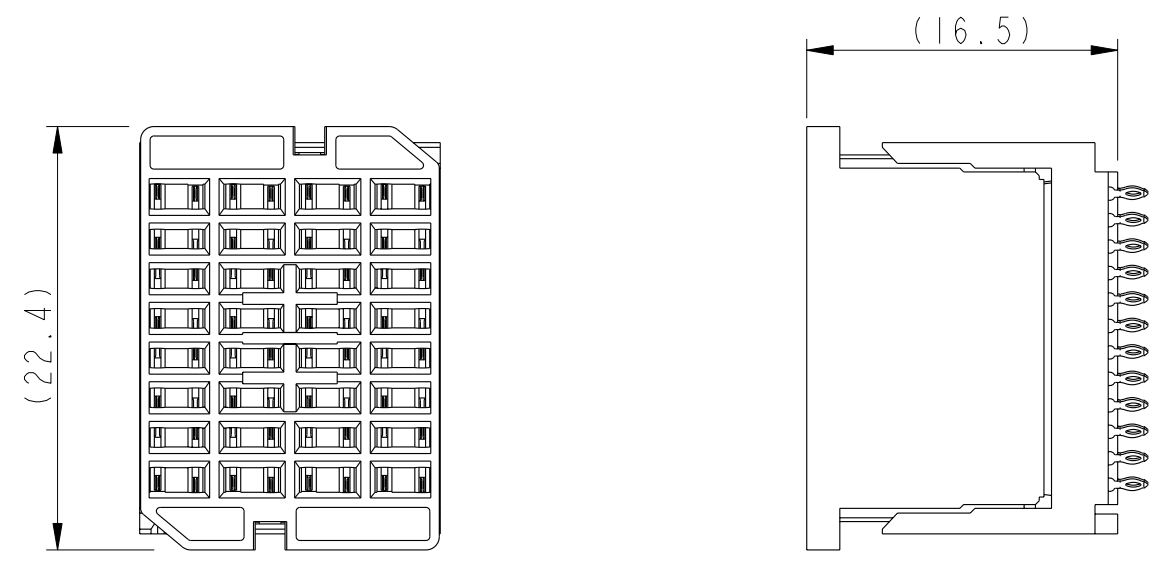
4

A

NARROW BODY

WIDE BODY

A



B

B

Triangle indicates position A1.
SEE NOTE 12.

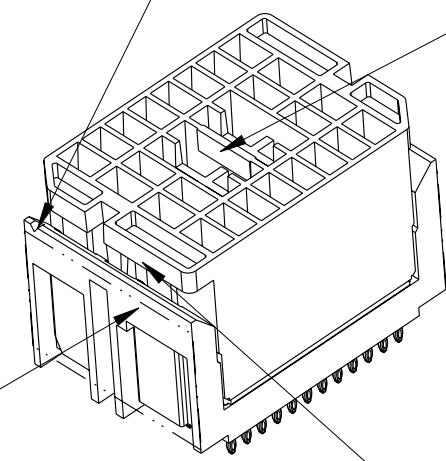
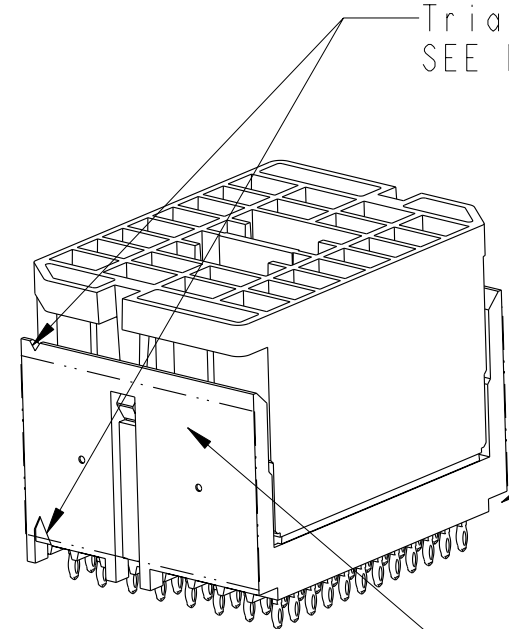
Triangle indicates position A1.
SEE NOTE 12.

SEE NOTE 14.

cut-out at opposite side
of A1 indicator.
SEE NOTE 12.

SEE NOTE 13.

NOTE 5 & 12



C

C

D

D



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	title AirMax VS VERTICAL HEADER		dwg no 10055307		Rev. A
	4 pair, 96pos, 2mm, 8 IMLA				
	catalog no -	CUSTOMER	sheet 3 of 5		

1

2

3

PDM: Rev:A

STATUS: Released

Printed: Dec 01, 2010

NARROW BODY

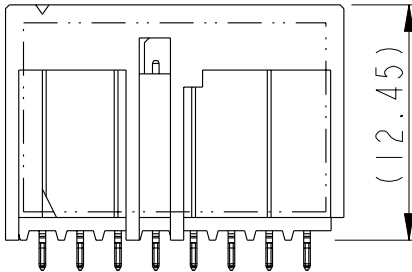
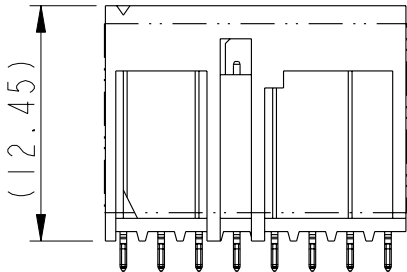
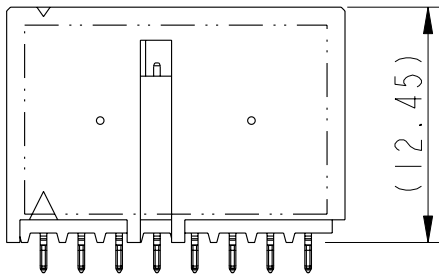
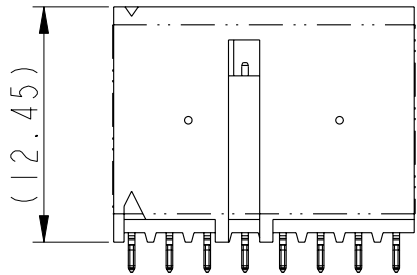
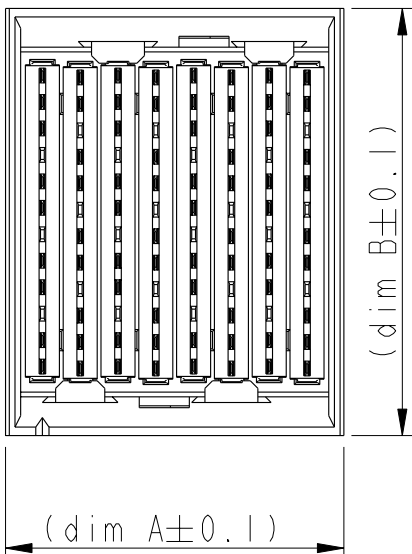
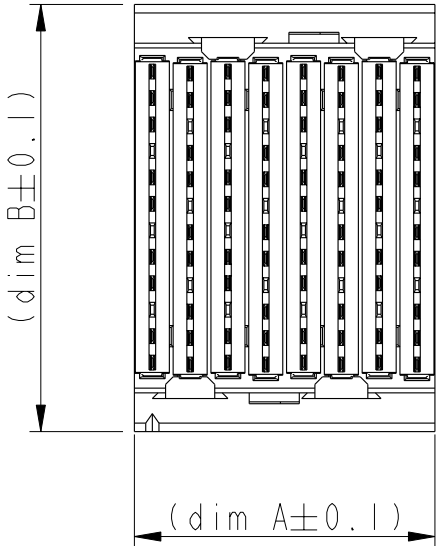
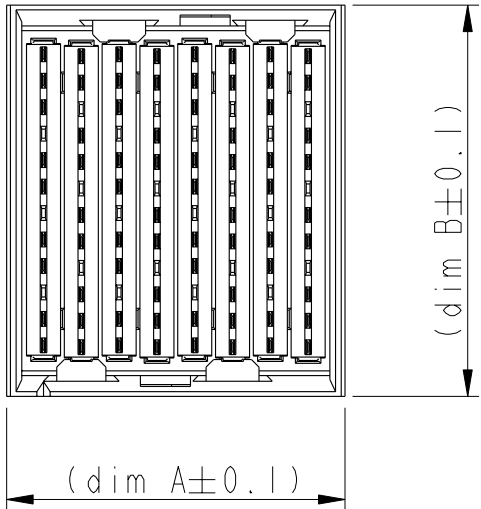
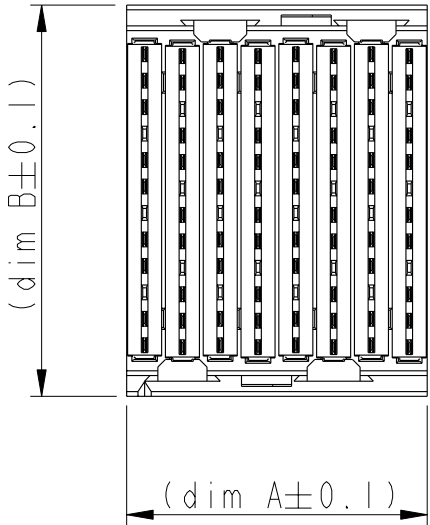
WIDE BODY

10055307-101ABC1

10055307-104ABC1

10055307-105ABC1

10055307-108ABC1



PN / dim	A	B
10055307-101ABC1(LF)	15.9	20.7
10055307-104ABC1(LF)	17.9	20.7
10055307-105ABC1(LF)	15.9	22.6
10055307-108ABC1(LF)	17.9	22.6



title AirMax VS VERTICAL HEADER
4 pair, 96pos, 2mm, 8 IMLA
catalog no -

dwg no

10055307

CUSTOMER

sheet 4 of 5

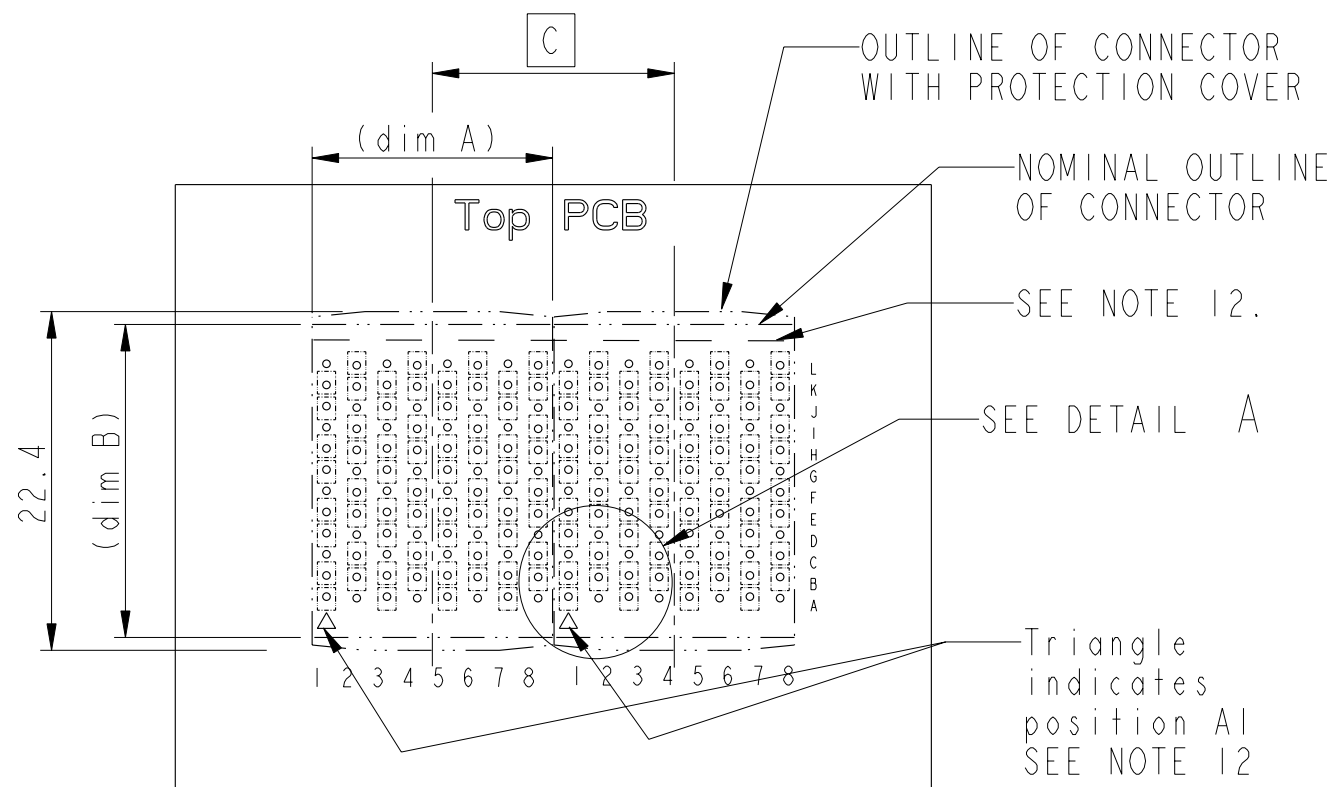
Rev.
A

A

B

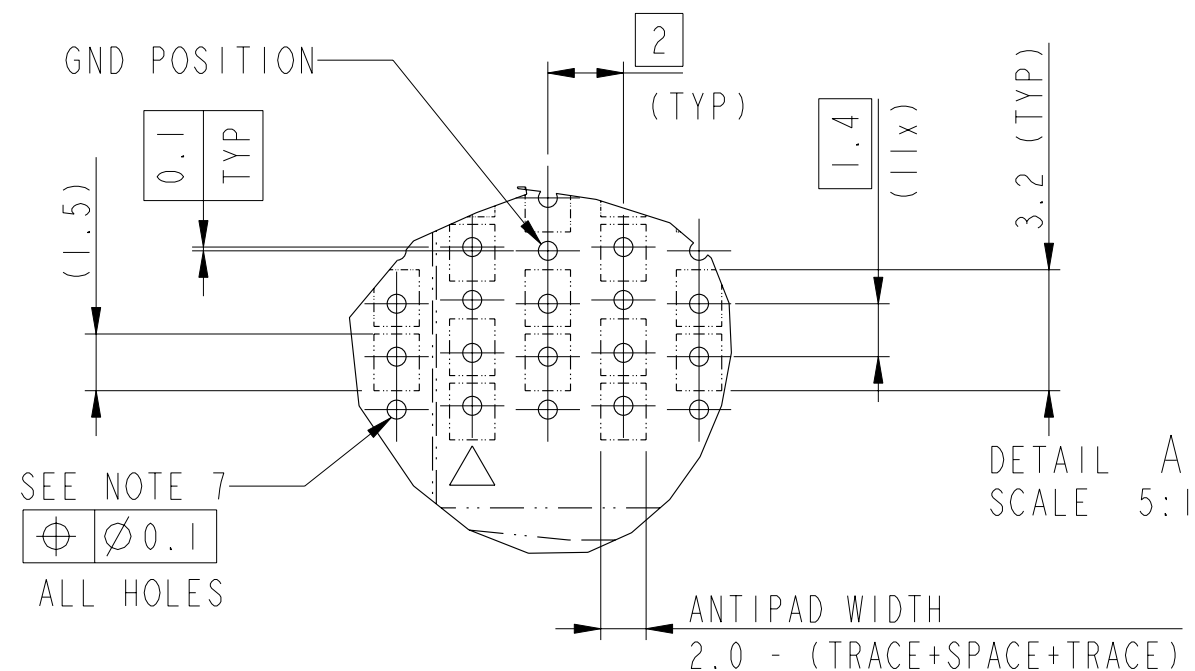
C

D



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

PN \ dim	A	B	C
10055307-101ABC1(LF)	15.9	20.7	16
10055307-104ABC1(LF)	17.9	20.7	18
10055307-105ABC1(LF)	15.9	22.6	16
10055307-108ABC1(LF)	17.9	22.6	18



NOTES:

- CONNECTOR MATERIALS:
HOUSING : HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
PROTECTION COVER : HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK UL94V-0
CONTACT: COPPER ALLOY
- CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE- BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF THE 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)
- PRODUCT SPECIFICATION: GS-12-239.
- APPLICATION SPECIFICATION: GS-20-035. FLATROCK INSERTION INTO PCB BY PUSHING ON TOP OF SURFACE PROTECTION COVER
- PRODUCT MARKING, (PART NUMBER & LOTCODE).
- PROTECTION COVER MUST BE REMOVED BEFORE MATING WITH RECEPTACLE CONNECTOR
- SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS.
- LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- THE HOUSING SHOULD WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PACKAGE PER GS-14-1086 AND GS-14-920 LEAD FREE LABELING SPEC.
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
- IT IS RECOMMENDED TO PUT THIS VISIBLE LINE AND THE A1 INDICATION (TRIANGLE) ON THE PCB TO INDICATE PROPER ORIENTATION. OTHER VISIBLE POLARIZATION MARKS ARE A1 INDICATOR AND PRINTING SIDE. (SEE SHEET 3)
- GRIPPING FEATURE TO REMOVE PROTECTION COVER BY FINGERS.
- GRIPPING FEATURE TO REMOVE PROTECTION COVER BY STANDARD PLIERS.

A

B

C

D



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catalog no

dwg no 10055307
Rev. A
CUSTOMER sheet 5 of 5

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[10055307-1080011LF](#)