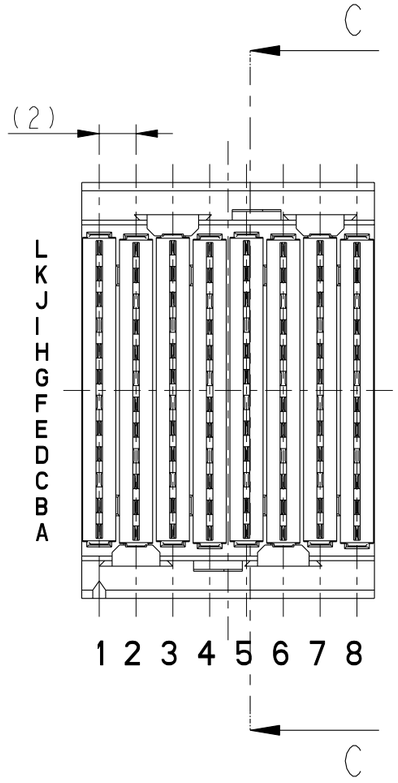
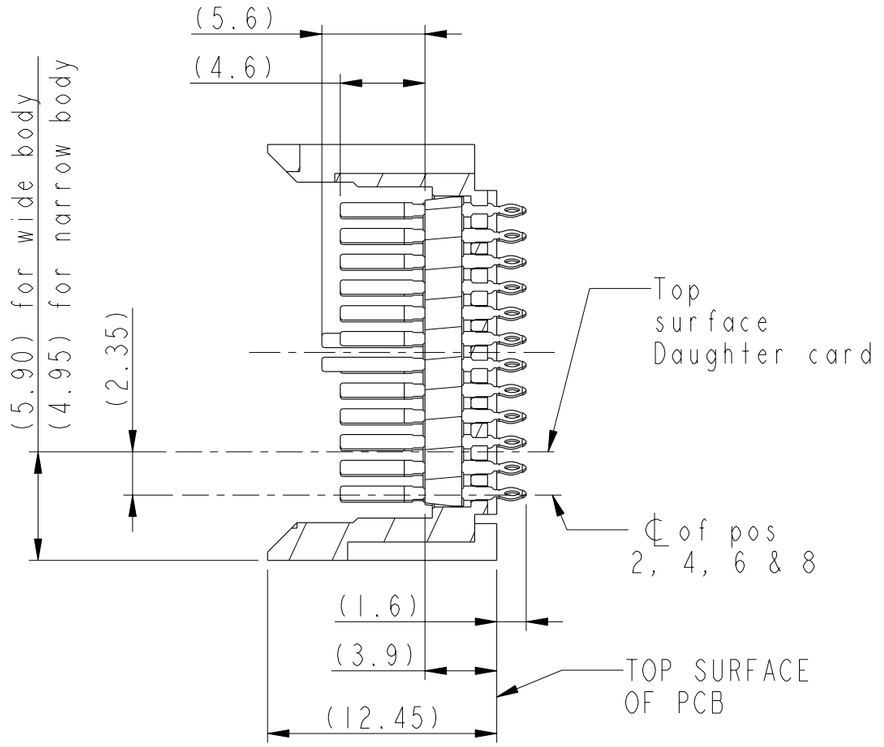
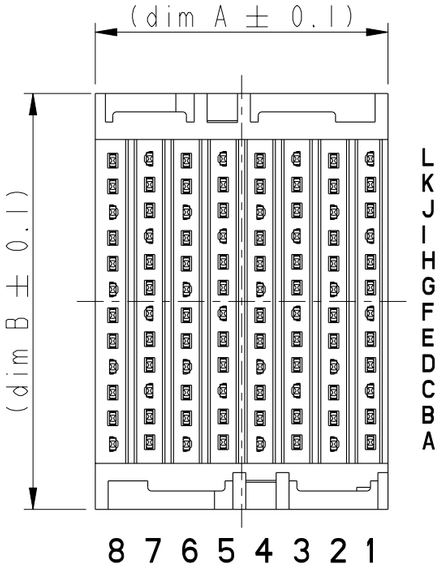


VIEWS WITHOUT
PROTECTION COVER





For housing types and
dim A and B see sheet 4

SECTION C-C

Partnumber:
10055307-IYZABCILF

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

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

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	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	±	ECN	S08-0282
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	

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REV F - 2006-04-17

PDM: Rev:A STATUS:Released Printed: Dec 01, 2010

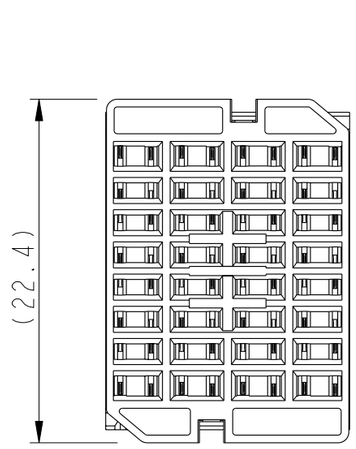
* Detection pin of 3.9mm possible on standard positions H5 .
For other detection pin layout and options please consult FCI.

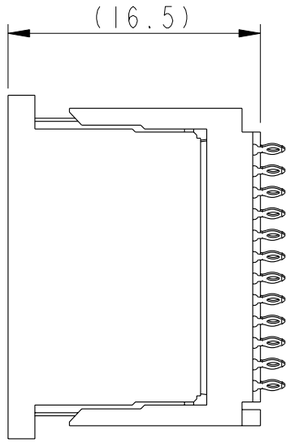
Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ detect)	4.6mm Otherpins (typ sign)
10055307-1YZ001I(LF)	F1,F3,F5,F7, G2,G4,G6,G8	-	all other positions
10055307-1YZ003I(LF)	F1,F3,F5,F7, G2,G4,G6,G8	H5	all other positions

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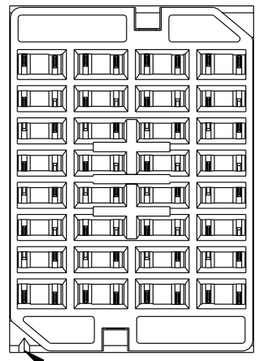
title	AirMax VS VERTICAL HEADER 4 pair, 96pos, 2mm, 8 IMLA	dwg no	10055307
		Rev.	A
catalog no	-	CUSTOMER	sheet 2 of 5

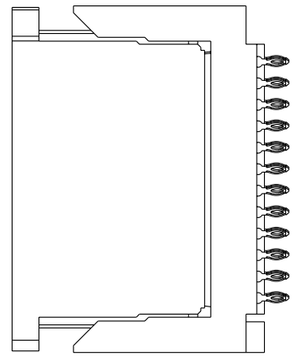
NARROW BODY



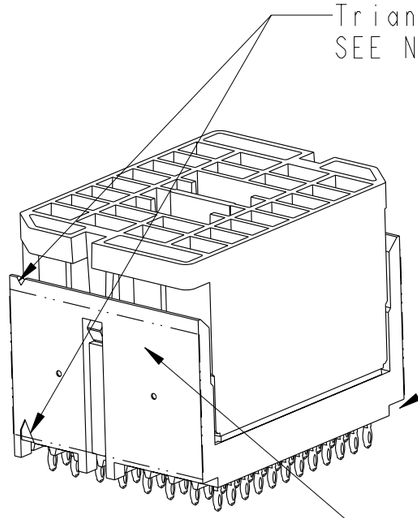


WIDE BODY





Triangle indicates position A1.
SEE NOTE 12.

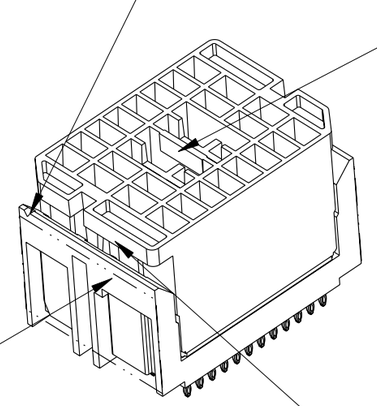


cut-out at opposite side
of A1 indicator.
SEE NOTE 12.

NOTE 5 & 12

Triangle indicates position A1.
SEE NOTE 12.

SEE NOTE 14.



SEE NOTE 13.

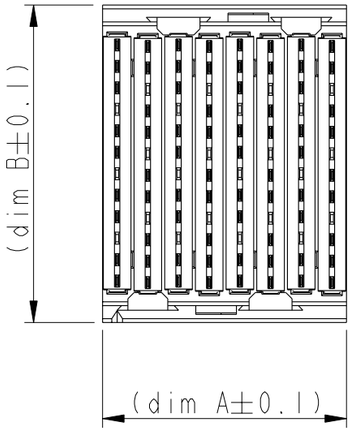
FCI	title: AirMax VS VERTICAL HEADER 4 pair, 96pos, 2mm, 8 IMLA	dwg no: 10055307	Rev. A
	catalog no: -	CUSTOMER	sheet 3 of 5

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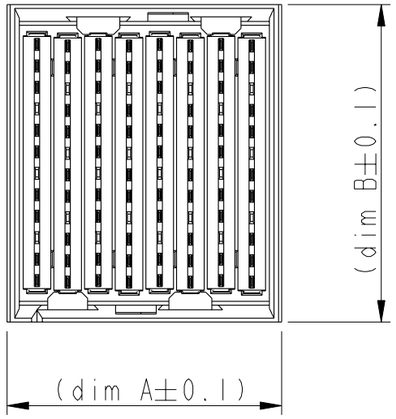
NARROW BODY

WIDE BODY

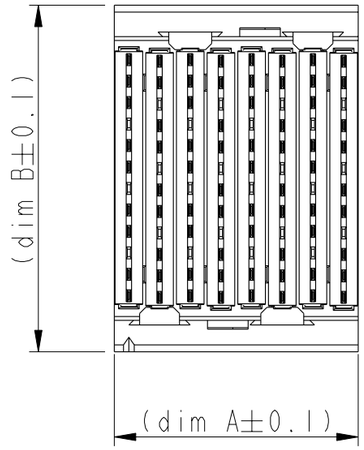
10055307-101ABCI



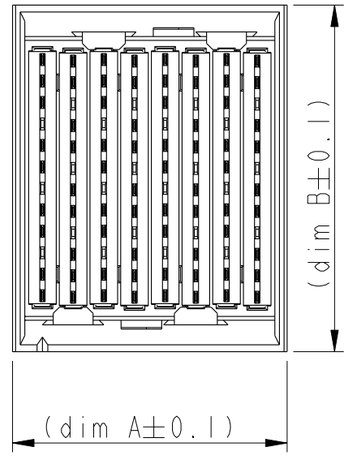
10055307-104ABCI

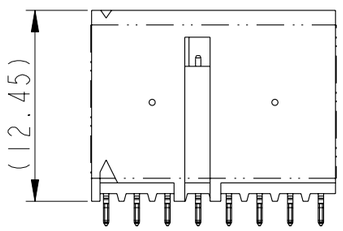


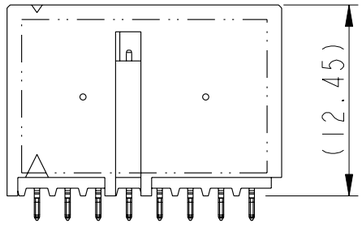
10055307-105ABCI

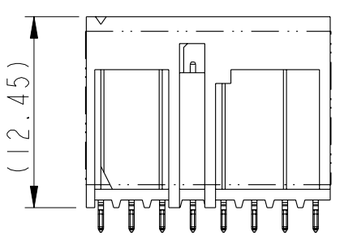


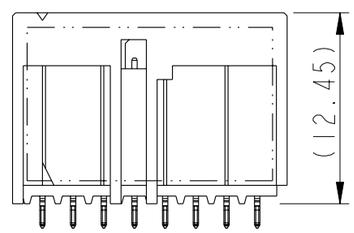
10055307-108ABCI









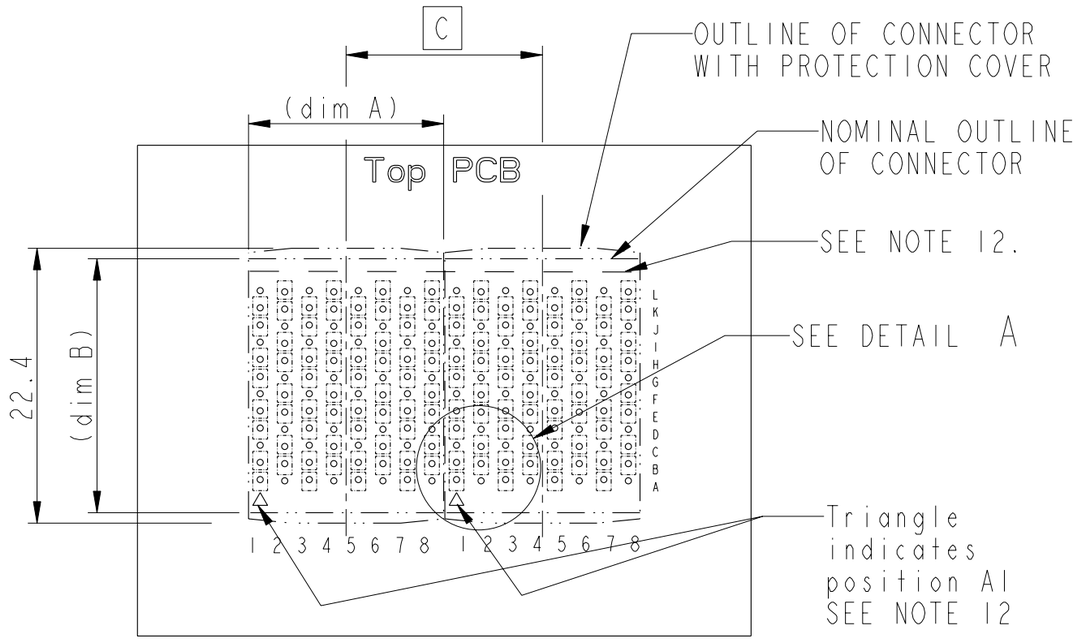


PN / dim	A	B
10055307-101ABCI(LF)	15.9	20.7
10055307-104ABCI(LF)	17.9	20.7
10055307-105ABCI(LF)	15.9	22.6
10055307-108ABCI(LF)	17.9	22.6

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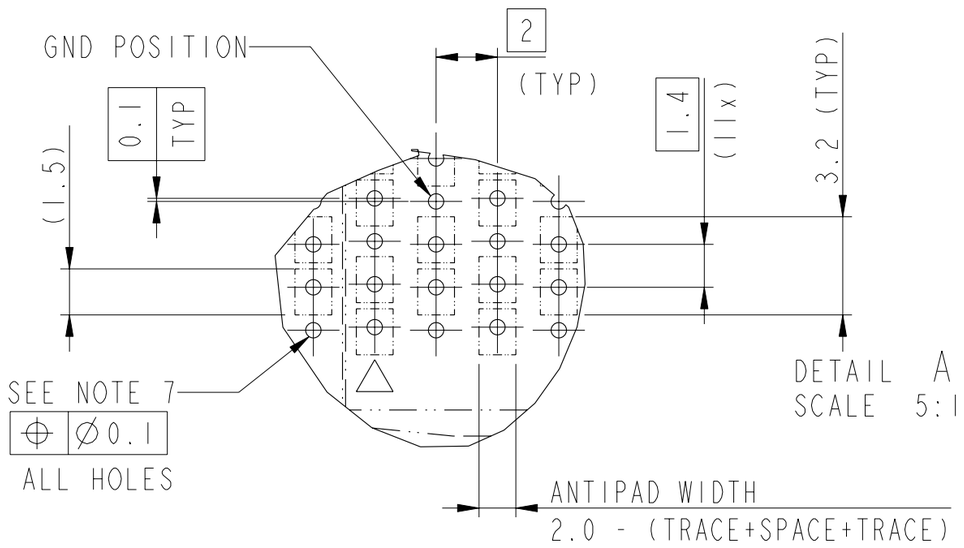
title: AirMax VS VERTICAL HEADER 4 pair, 96pos, 2mm, 8 IMLA		dwg no: 10055307	Rev. A
catalog no: -		CUSTOMER	sheet 4 of 5

PDM: Rev:A STATUS:Released Printed: Dec 01, 2010



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:

1. 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

2. 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)

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, (PART NUMBER & 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 PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATION 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 A1 INDICATION (TRIANGLE) ON THE PCB TO INDICATE PROPER ORIENTATION.
    OTHER VISIBLE POLARIZATION MARKS ARE A1 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.

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

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