

Partnumber:
10056103-IYZABCI LF

X = PLATING
I=TELCORDIA CO GAS (see note 2 sheet 5)
YZ = HOUSING TYPE
01 = 2 wall narrow body
04 = 4 wall narrow body
05 = 2 wall wide body (STANDARD VISION)
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 VISION AS SHOWN

rev	ecn no	dr	date
A	S07-0129	MCH	2007-04-23
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-


www.fciconnect.com		surface -	tolerance std	projection	mm
		ISO 1302	ISO 406 ISO 1101		
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	L. Lange	2005-05-13	ANGULAR	0.X	±
Eng	L. Lange	2005-15-13	LINEAR	0.XX	±
Chr	M. Cheong	2007-04-23	0° ±°	0.XXX	±
Appr	Joey Ng	2007-04-23	Product family	AirMax VS	Spec ref
				size	A3
title AirMax VS VERTICAL HEADER 3 Pair, 90 pos, 2mm, 10 IMLA catalog no				ECN	S07-0129
				dwg no	10056103
				Rev.	A
				CUSTOMER	sheet 1 of 5

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REV F - 2006-04-17

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

Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ defect)	4.6mm Otherpins (typ sign)
10056103-1YZ0011(LF)	F1,F3,F5,F7,F9 G2,G4,G6,G8,G10	-	all other positions
10056103-1YZ0031(LF)	F1,F3,F5,F7,F9 G2,G4,G6,G8,G10	H5	all other positions

	title	AirMax VS VERTICAL HEADER	dwg no	10056103	Rev.
	catalog no	3 Pair, 90 pos, 2mm, 10 IMLA	-	CUSTOMER	A
			sheet 2 of 5		

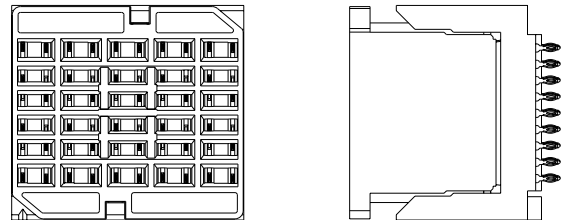
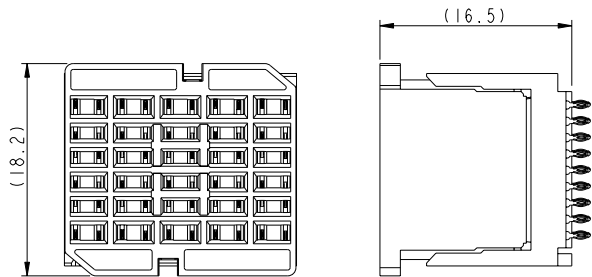
REV F - 2006-04-11

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

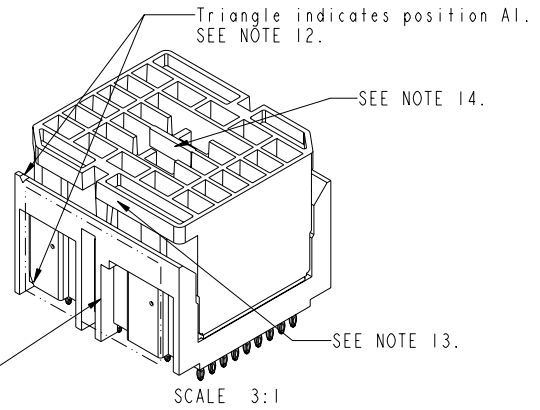
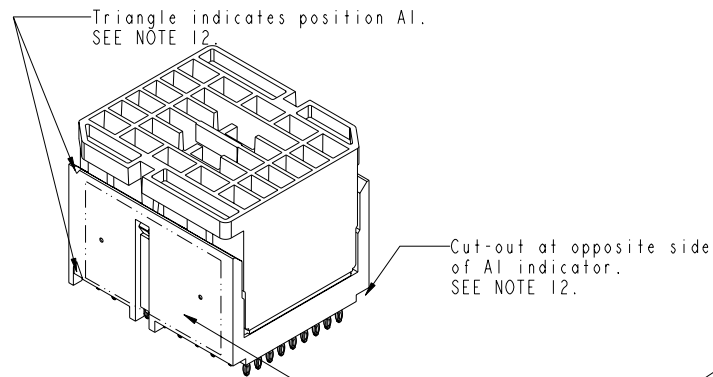
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NARROW BODY

WIDE BODY



SCALE 3:1



SCALE 3:1

NOTE 5 & 12

	title	AirMax VS VERTICAL HEADER	dwg no	10056103	Rev.	A
		3 Pair, 90 pos, 2mm, 10 IMLA				
	catalog no		CUSTOMER	sheet 3 of 5		

REV F - 2006-04-17

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

1

2

3

4

NARROW BODY

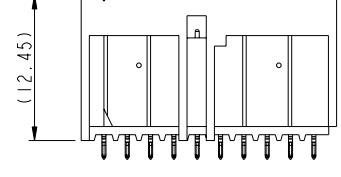
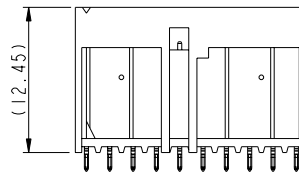
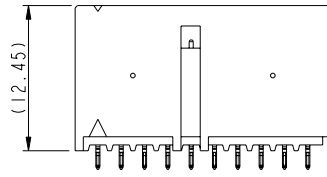
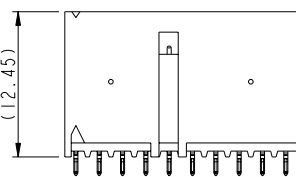
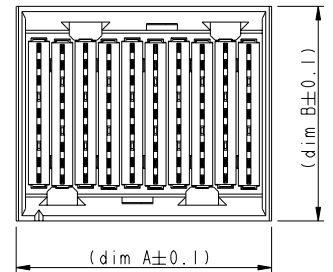
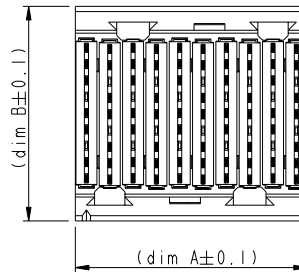
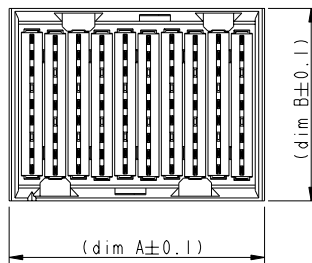
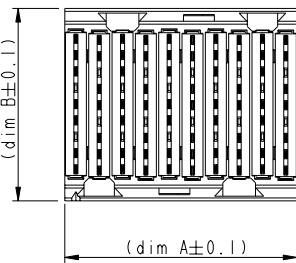
WIDE BODY

10056103 - 101ABCI

10056103 - 104ABCI

10056103 - 105ABCI

10056103 - 108ABCI



PN / dim	A	B
10056103-101ABCI (LF)	19.9	16.5
10056103-104ABCI (LF)	21.9	16.5
10056103-105ABCI (LF)	19.9	18.4
10056103-108ABCI (LF)	21.9	18.4

	title AirMax VS VERTICAL HEADER	dwg no 10056103	Rev. A
	3 Pair, 90 pos, 2mm, 10 IMLA	CUSTOMER	sheet 4 of 5
catalog no			

REV F - 2006-04-11

1

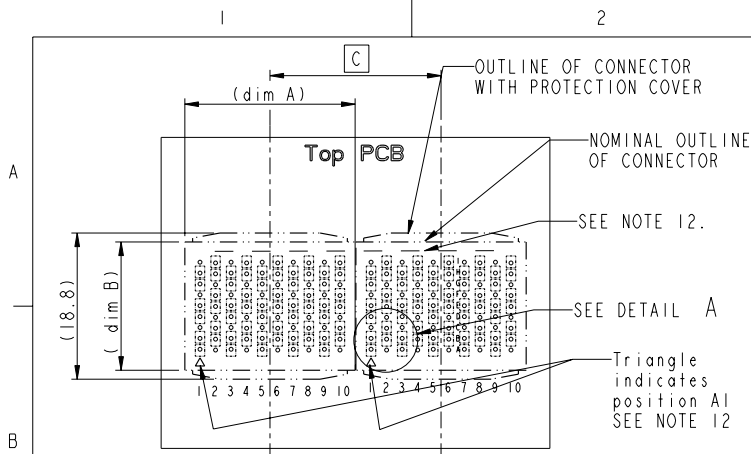
2

3

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

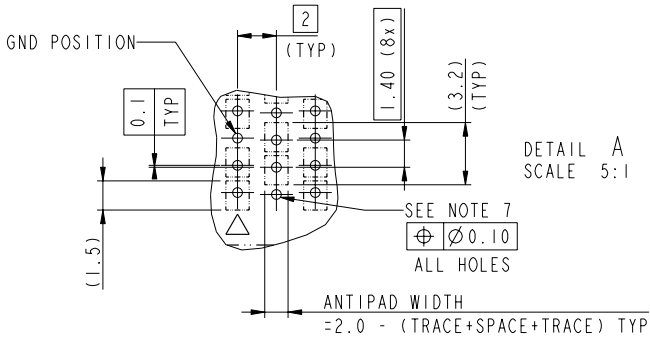


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RECOMMENDED PCB LAYOUT FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE (TWO ADJACENT FOOTPRINTS SHOWN)

PN / dim	A	B	C
10056103-101ABCI(LF)	19.9	16.5	20
10056103-104ABCI(LF)	21.9	16.5	22
10056103-105ABCI(LF)	19.9	18.4	20
10056103-108ABCI(LF)	21.9	18.4	22



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 FCI PRODUCT SPECIFICATION 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, (PARTNUMBER & 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 PARTNUMBERS MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008, SUB CLAUSE 3.2
- 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.

	title	AirMax VS VERTICAL HEADER	dwg no	10056103	Rev.	A
	catalog no	3 Pair, 90 pos, 2mm, 10 IMLA	CUSTOMER	sheet 5 of 5		