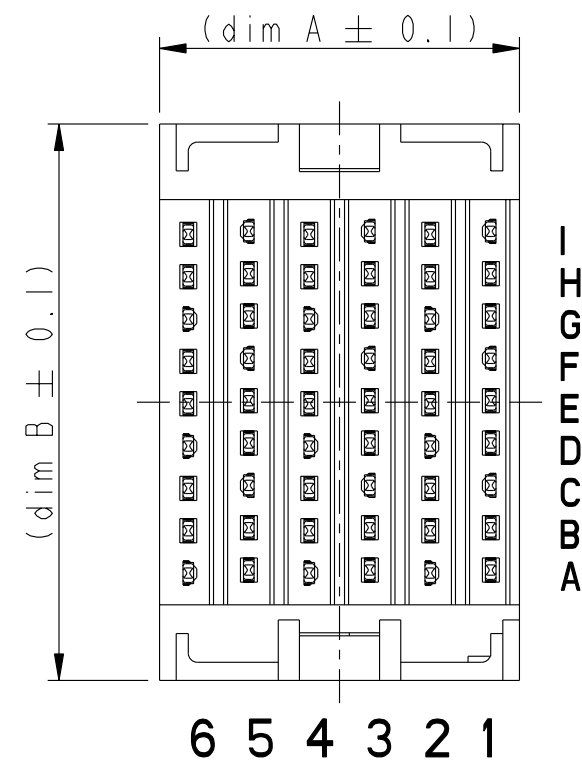
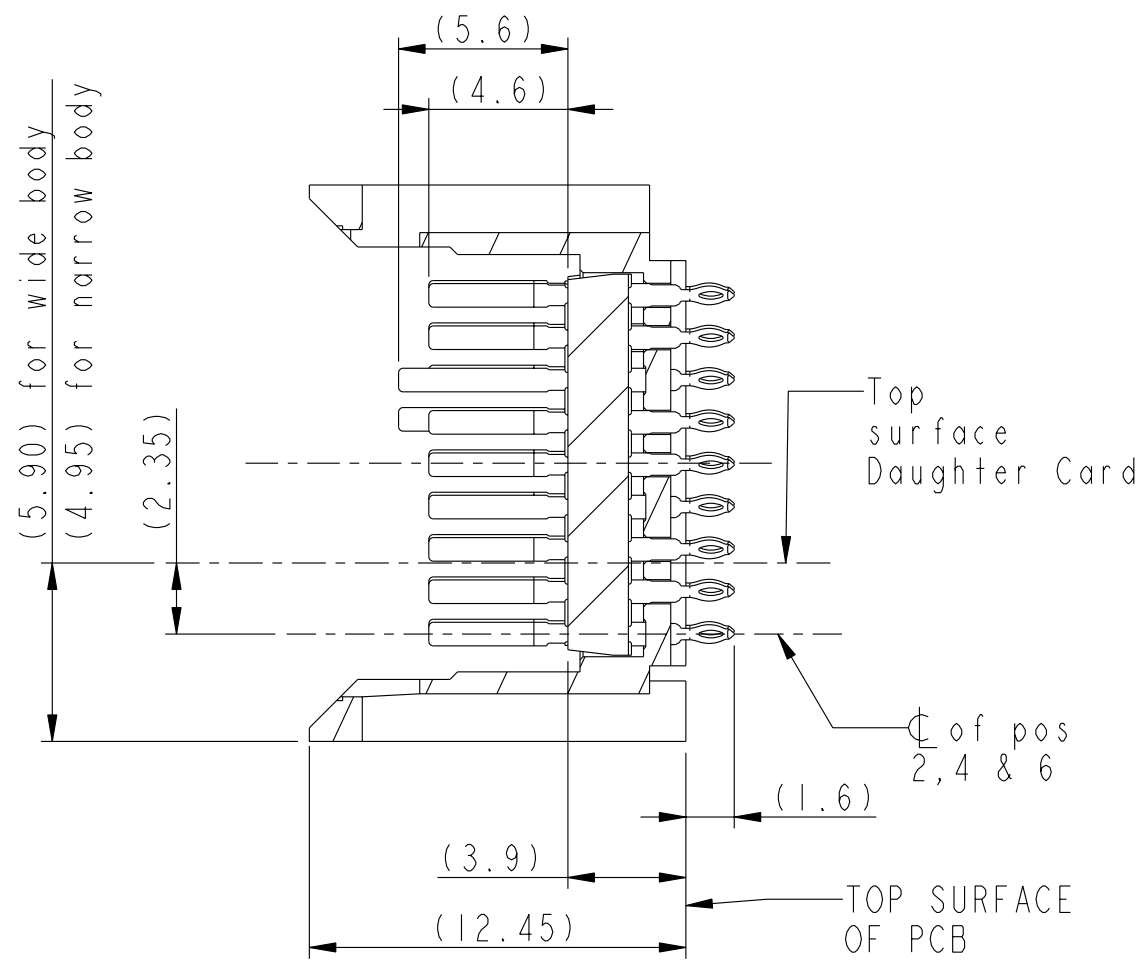
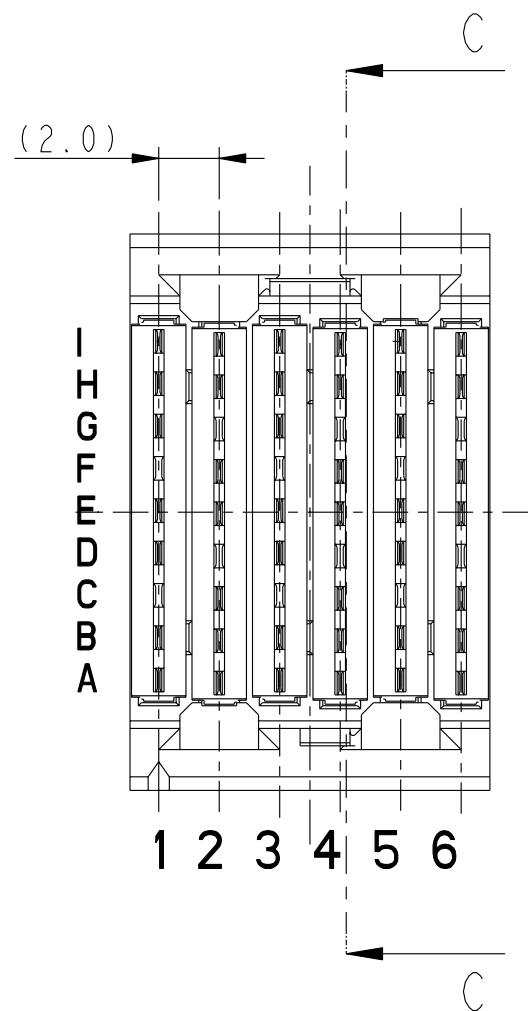


VIEWS WITHOUT
PROTECTION COVER



For housing types and
dim A and B see sheet 4

SECTION C-C

Part number:
10056101-1YZABCILF

X = PLATING

1 = TELCORDIA CO (see note 2 sheet 5)
5 = TELCORDIA UE

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 = PINLAYOUT

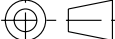


001 = standard layout (no detect pin)
xxx = other versions see sheet 2

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	H06-0057	EDB	2006-04-10
B	H06-0109	EDB	2006-06-23
C	S06-0370	MCH	2006-11-07
D	S07-0213	MCH	2006-06-20
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	P.K.Ramesh	2005-09-23	ANGULAR	LINEAR	0.X	±	size A3	Scale 1:1				
Eng	R.de Blieck	2005-09-23			0.XX	±						
Chr	M. Cheong	2007-06-20			0°	±°					0.XXX	±
Appr	Joey Ng	2007-06-20	Product family				AirMax VS		Spec ref			CONCEPT
		title				AirMax VS VERTICAL HEADER				dwg no 10056101		Rev. D
		+ 3 Pair, 54 pos, 2mm, 6 IMLA										
		catalog no				CUSTOMER				sheet 1 of 5		

* Detection pin of 3.9mm possible on standard positions H3.
For other detection pin and options please consult FCI.

Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ detect)	4.6mm Otherpins (typ sign)
10056101-XYZ0011(LF)	F1,F3,F5 G2,G4,G6	-	all other positions
10056101-XYZ0031(LF)	F1,F3,F5 G2,G4,G6	H3	all other positions



AirMax VS VERTICAL HEADER
3 Pair, 54 pos, 2mm, 6 IMLA
catalog no -

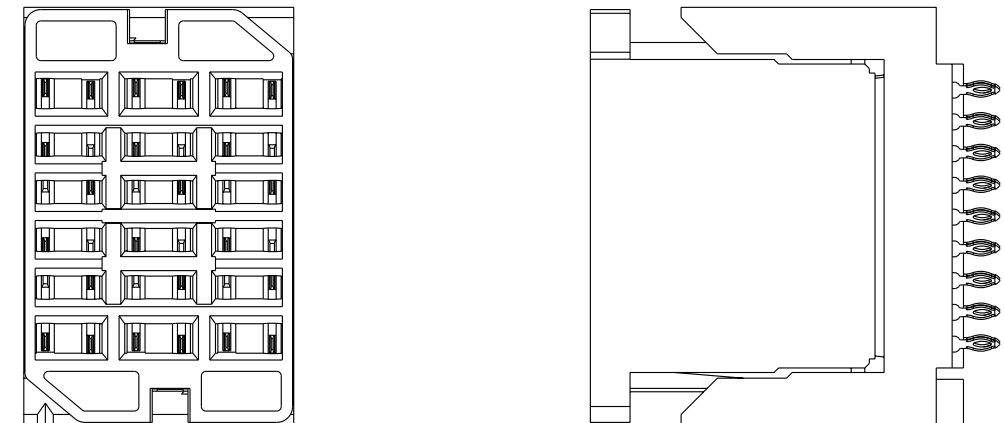
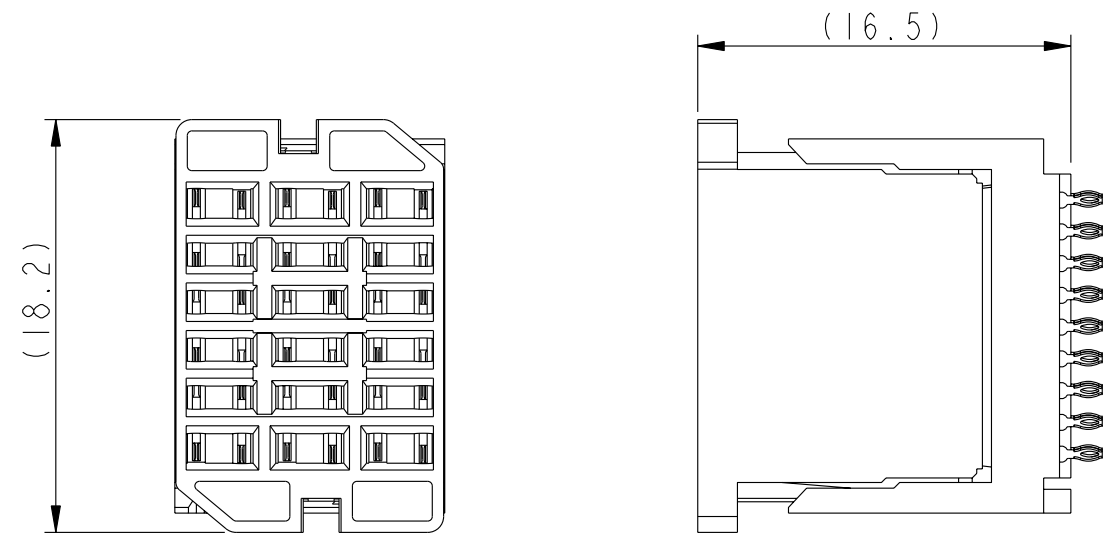
dwg no 10056101
CUSTOMER

Rev.
D

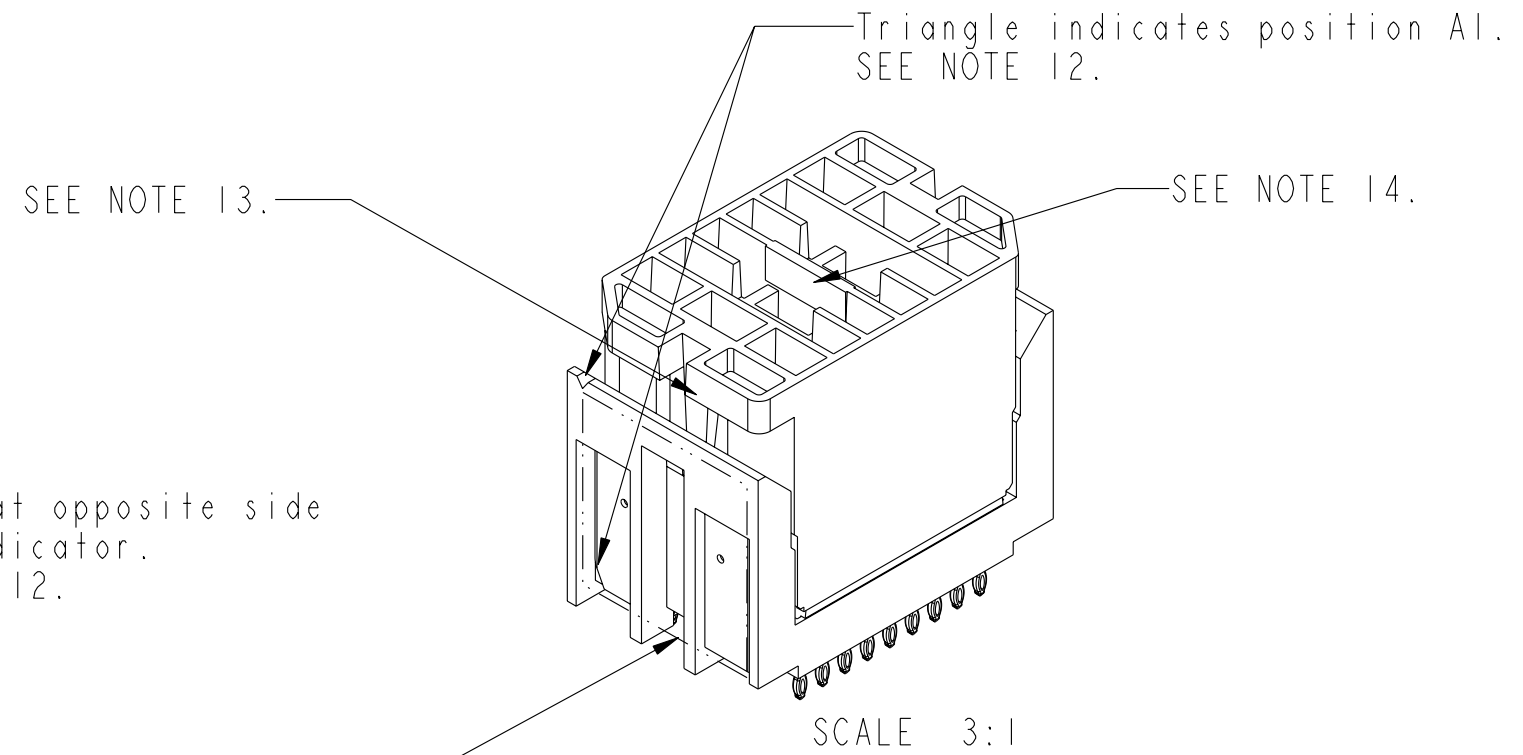
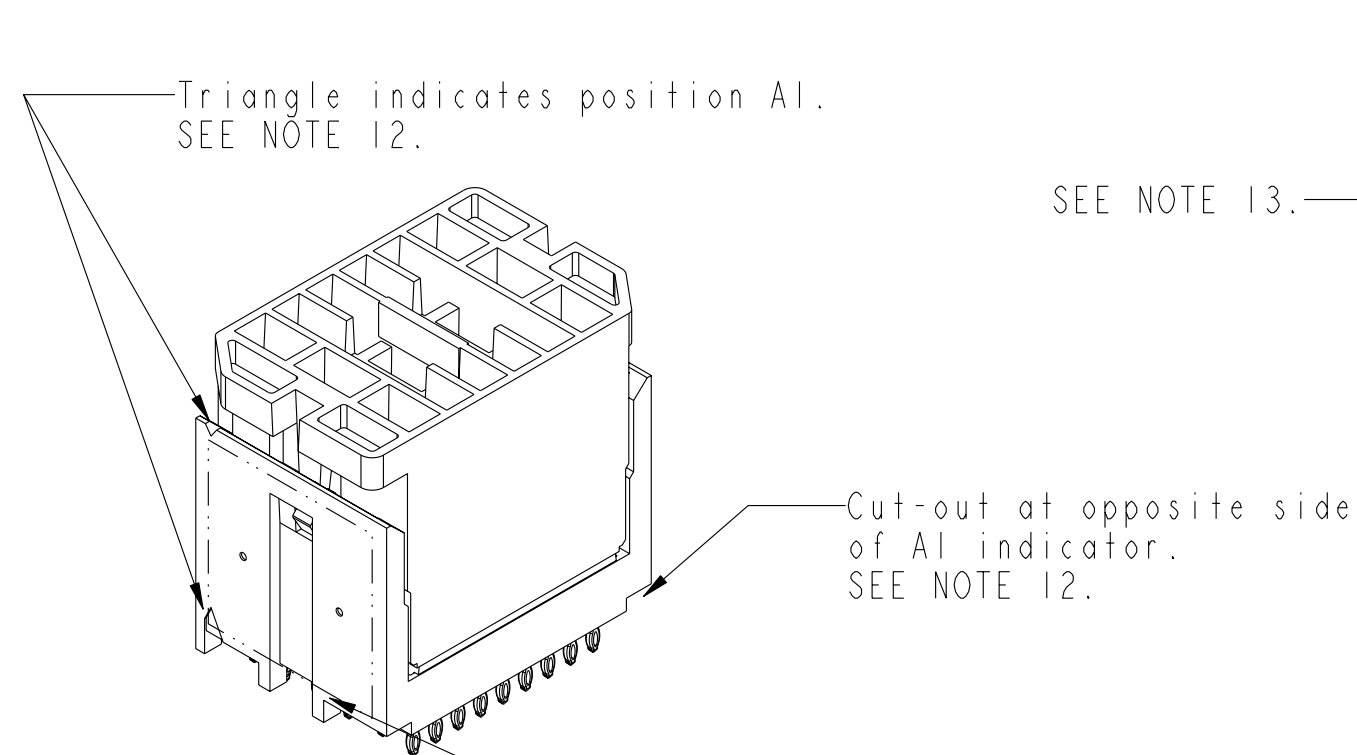
sheet 2 of 5

NARROW BODY

WIDE BODY



SCALE 3:1



Copyright FCI.



AirMax VS VERTICAL HEADER
3 Pair, 54 pos, 2mm, 6 IMLA
catalog no

dwg no	10056101	Rev.	D
CUSTOMER		sheet 3 of 5	



Copyright FCI.

NARROW BODY

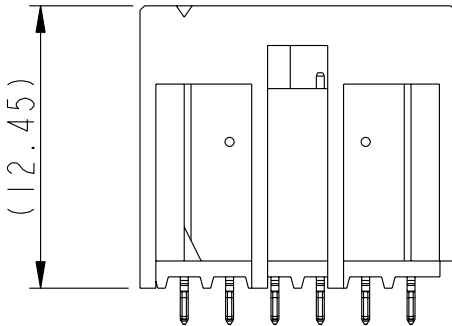
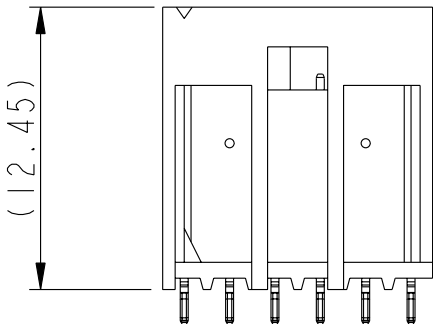
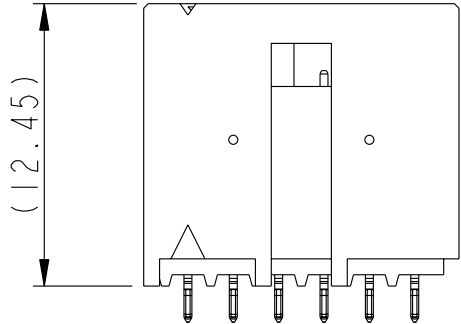
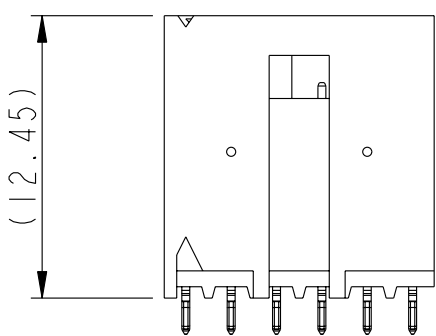
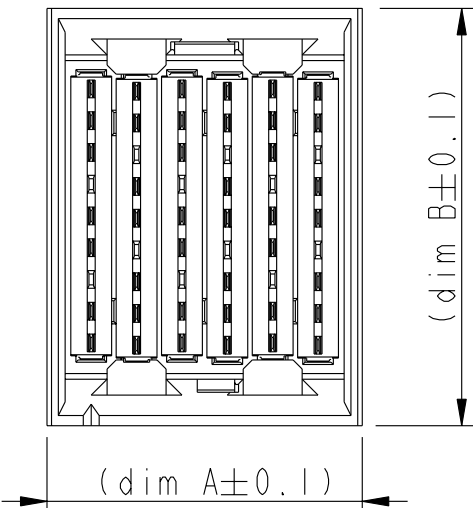
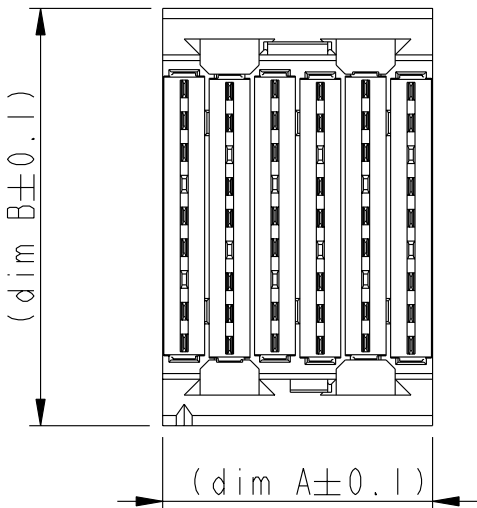
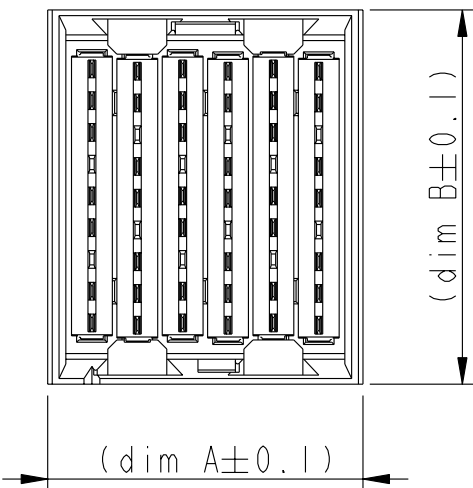
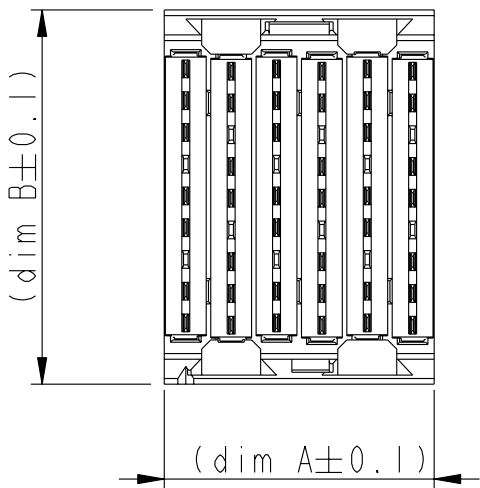
WIDE BODY

10056101 - X01ABCI

10056101 - X04ABCI

10056101 - X05ABCI

10056101 - X08ABCI



PN / dim	A	B
10056101-X01ABCI(LF)	11.9	16.5
10056101-X04ABCI(LF)	13.9	16.5
10056101-X05ABCI(LF)	11.9	18.4
10056101-X08ABCI(LF)	13.9	18.4

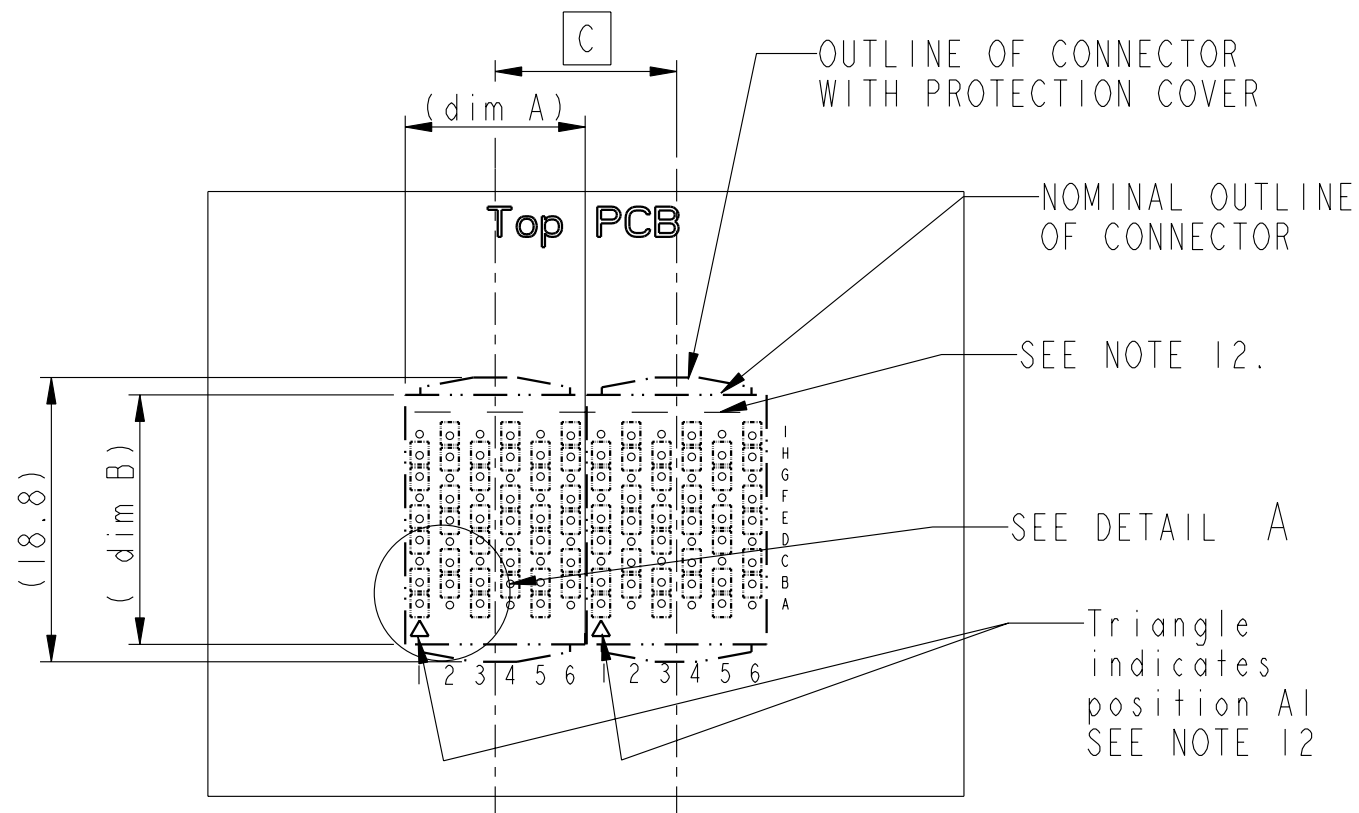
	title	AirMax VS VERTICAL HEADER		dwg no	10056101		Rev.
		3 Pair, 54 pos, 2mm, 6 IMLA					
		catalog no	-		CUSTOMER	sheet 4 of 5	

A

B

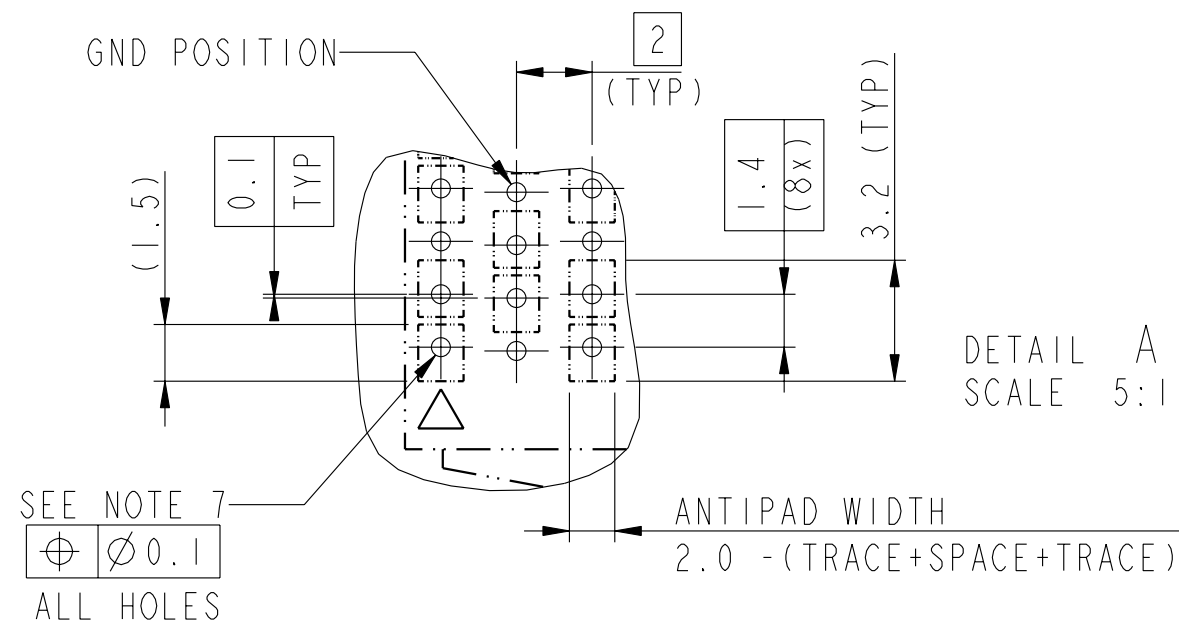
C

D



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

PN / dim	A	B	C
10056101-X01ABCI(LF)	11.9	16.5	12
10056101-X04ABCI(LF)	13.9	16.5	14
10056101-X05ABCI(LF)	11.9	18.4	12
10056101-X08ABCI(LF)	13.9	18.4	14



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) 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 PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE & OTHER COUNTRY REGULATIONS 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 AI INDICATION (TRIANGLE) ON THE PCB TO INDICATE PROPER ORIENTATION. OTHER VISIBLE POLARIZATION MARKS ARE AI 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

	title		AirMax VS VERTICAL HEADER		dwg no	10056101		Rev.
			3 Pair, 54 pos, 2mm, 6 IMLA					D
	catalog no		-		CUSTOMER		sheet 5 of 5	