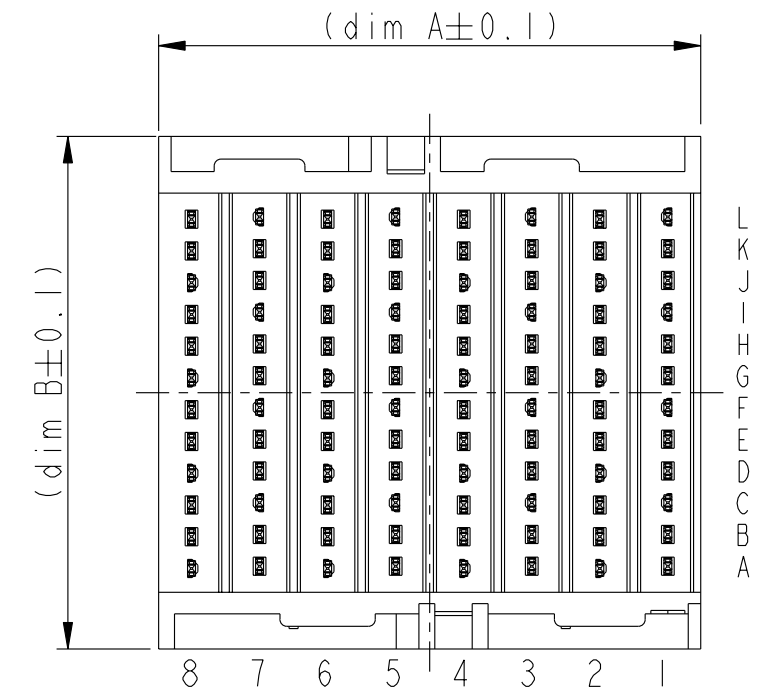
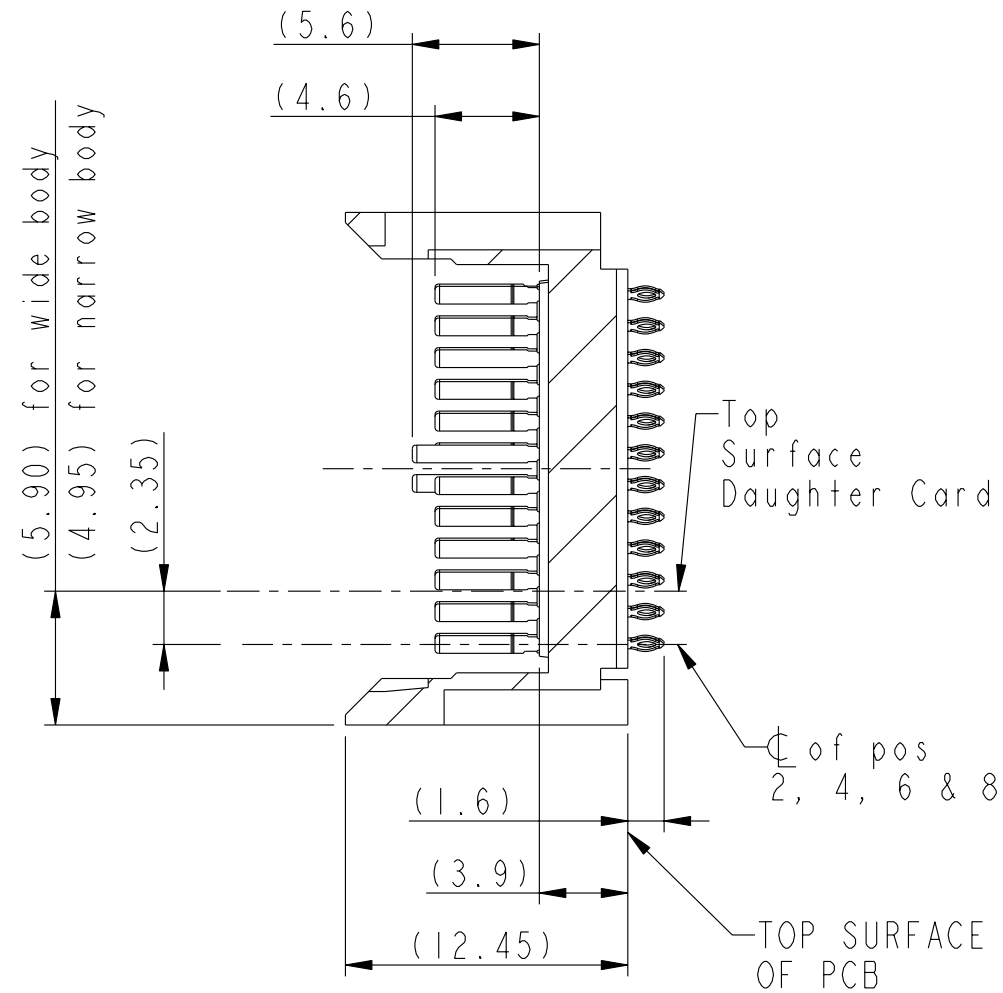
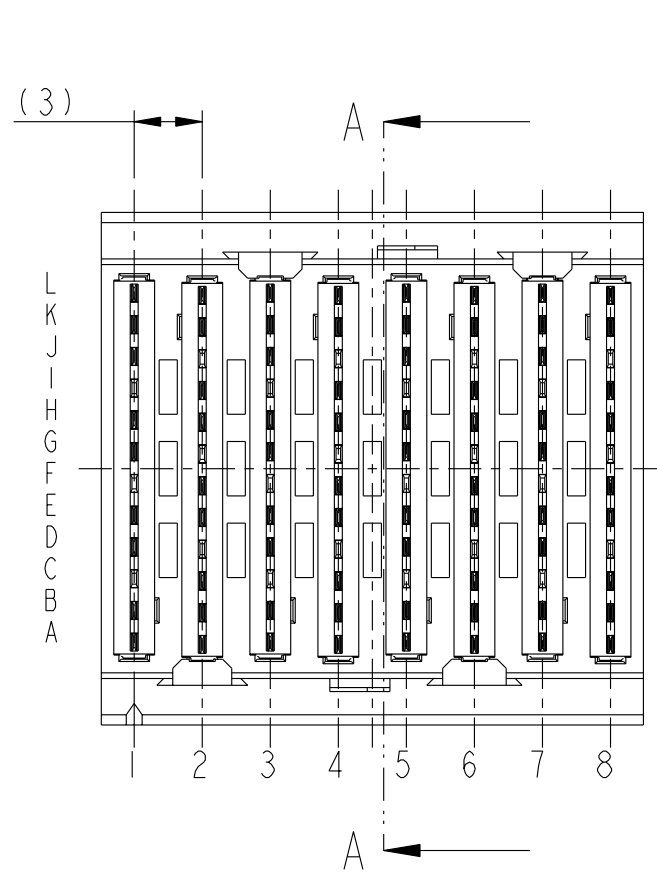


VIEW WITHOUT
PROTECTION COVER



For housing types and
dim A and B see sheet 4.

SECTION A-A

Partnumber :
10056429-1YZABCILF

X = PLATING
I = TELCORDIA CO 4 GAS

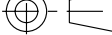
YZ = HOUSING TYPE
01 = 2 wall narrow body
04 = 4 wall narrow body
05 = 2 wall wide body (STANDARD VERSION)
08 = 4 wall wide body

ABC = PIN LAYOUT
001 = standard layout (no detect pin)
xxx = other version 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	S07-0108	MCH	2007-04-19
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 	 mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	L.S ngwe	2006-12-18	ANGULAR	LINEAR	0.X	±	size A3	Scale 5:2	
Eng	L.S ngwe	2006-12-18			0.XX	±			
Chr	M. Cheong	2007-04-19			0° ±°	0.XXX			±
Appr	Joey Ng	2007-04-19	Product family AirMax VS			Spec ref CONCEPT			
		title AirMax VS VERTICAL HEADER				dwg no 10056429		Rev. A	
		4 pair, 96pos, 3mm, 8 IMLA							
		catalog no				CUSTOMER			sheet 1 of 5

* Dectection pin of 3.9mm on standard position H5.
For other detection pin option, please consult FCI.

Partnumber \ Pin layout	5.6mm Long pins (Typ Gnd)	3.9mm * Short pins (Typ Detect)	4.6mm Other pins (Typ Sign)
10056429-1YZ0011(LF)	F1, F3, F5, F7 G2, G4, G6, G8	---	all other positions
10056429-1YZ0031(LF)	F1, F3, F5, F7 G2, G4, G6, G8	H5	all other positions



Copyright FCI.



AirMax VS VERTICAL HEADER
4 pair, 96pos, 3mm, 8 IMLA
catalog no

dwg no

10056429

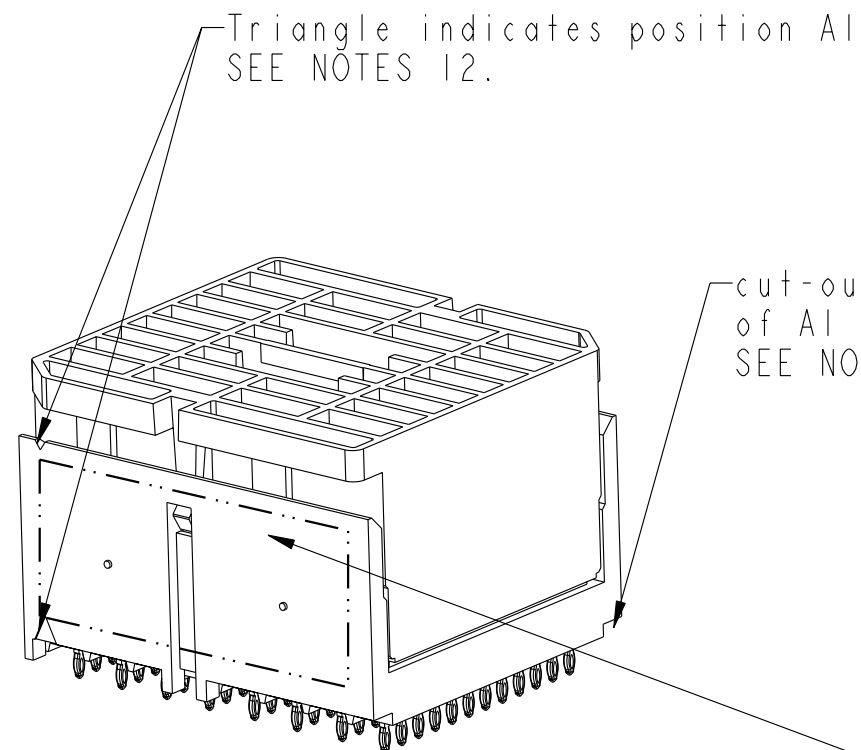
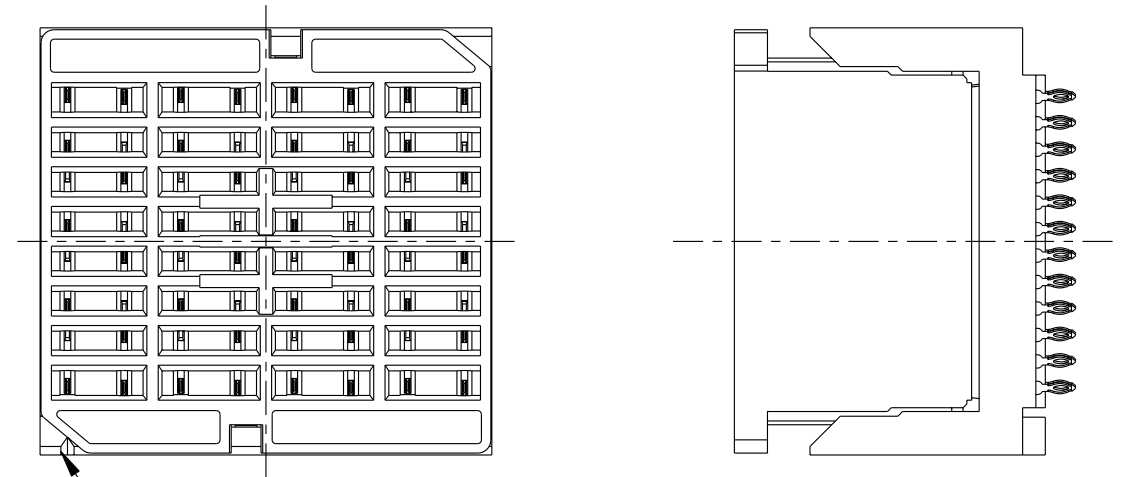
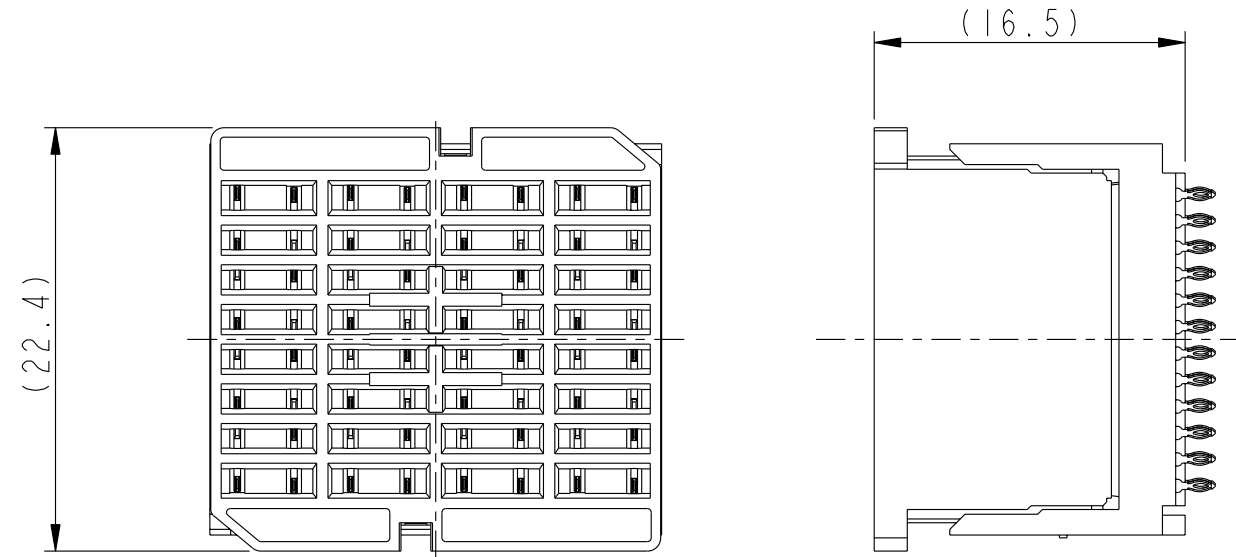
Rev.
A

CUSTOMER

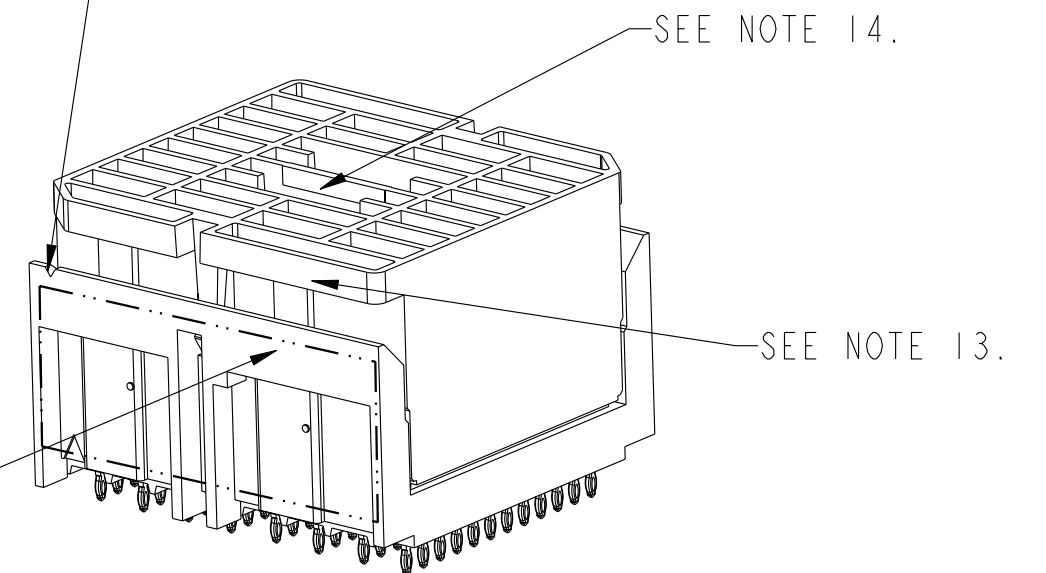
sheet 2 of 5

NARROW BODY

WIDE BODY



Triangle indicates position A1.
SEE NOTES 12.



NOTE 5 & 12.



AirMax VS VERTICAL HEADER
4 pair, 96pos, 3mm, 8 IMLA
catalog no

dwg no	10056429	Rev.	A
CUSTOMER	sheet 3 of 5		

PDM: Rev:A

STATUS: Released

Printed: Dec 01, 2010

1

2

3

4

NARROW BODY

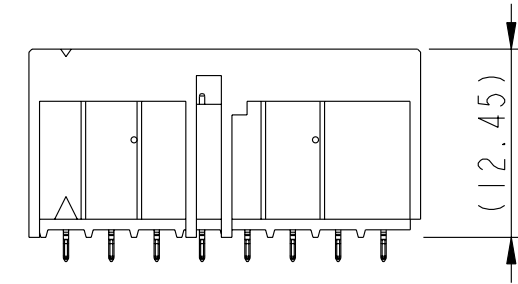
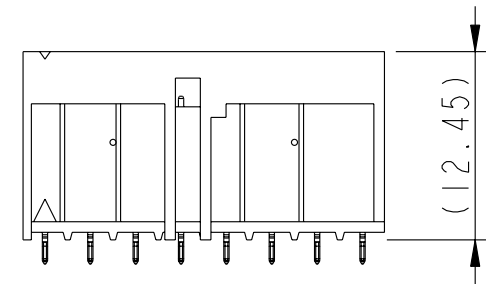
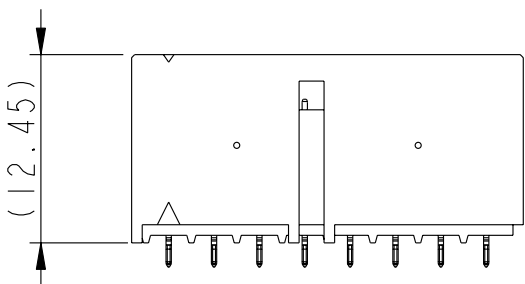
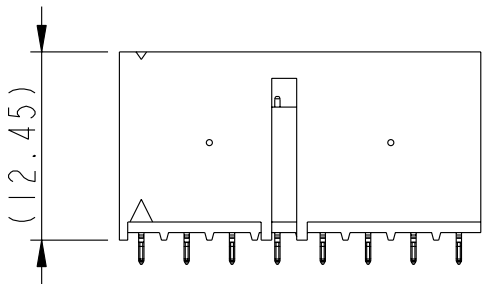
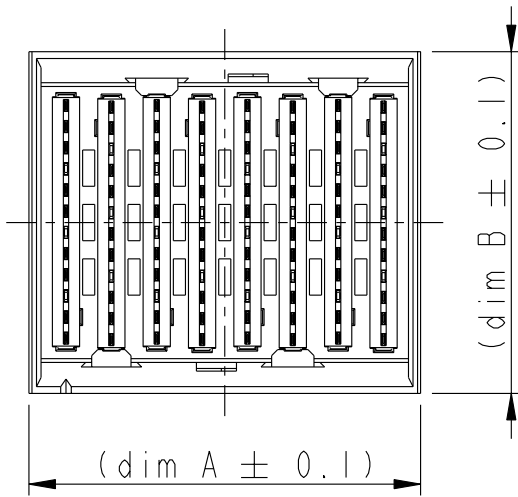
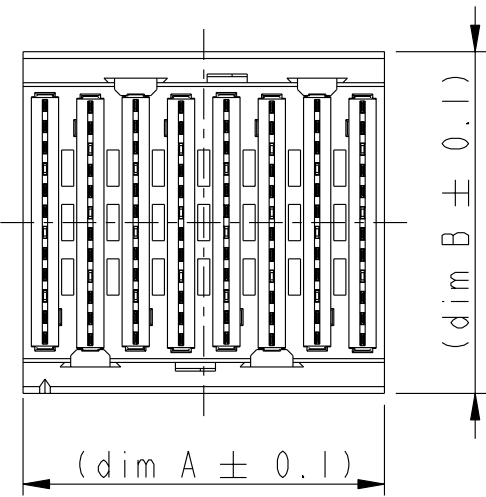
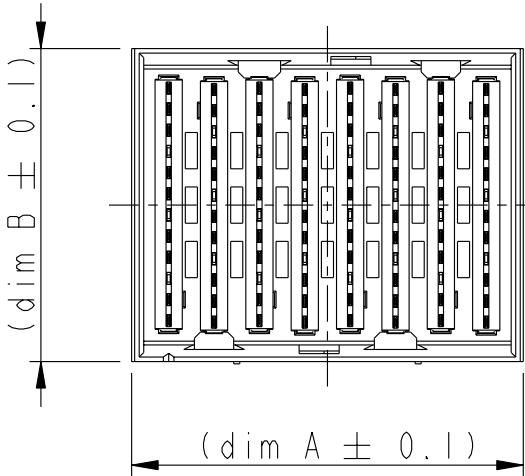
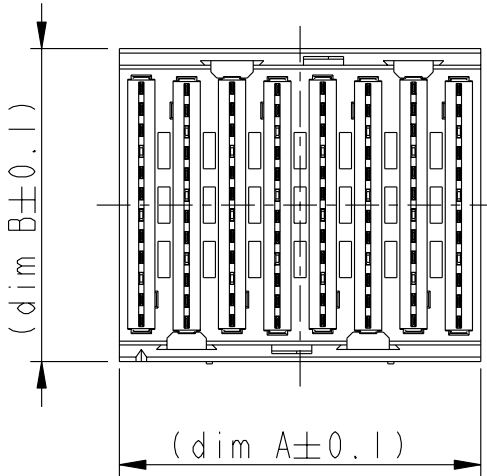
WIDE BODY

10056429-101ABC1

10056429-104ABC1

10056429-105ABC1

10056429-108ABC1



PN / dim	A	B
10056429-101ABC1(LF)	23.9	20.7
10056429-104ABC1(LF)	25.9	20.7
10056429-105ABC1(LF)	23.9	22.6
10056429-108ABC1(LF)	25.9	22.6



title AirMax VS VERTICAL HEADER
4 pair, 96pos, 3mm, 8 IMLA
catalog no -

dwg no 10056429
CUSTOMER

Rev. A

sheet 4 of 5

1

2

3

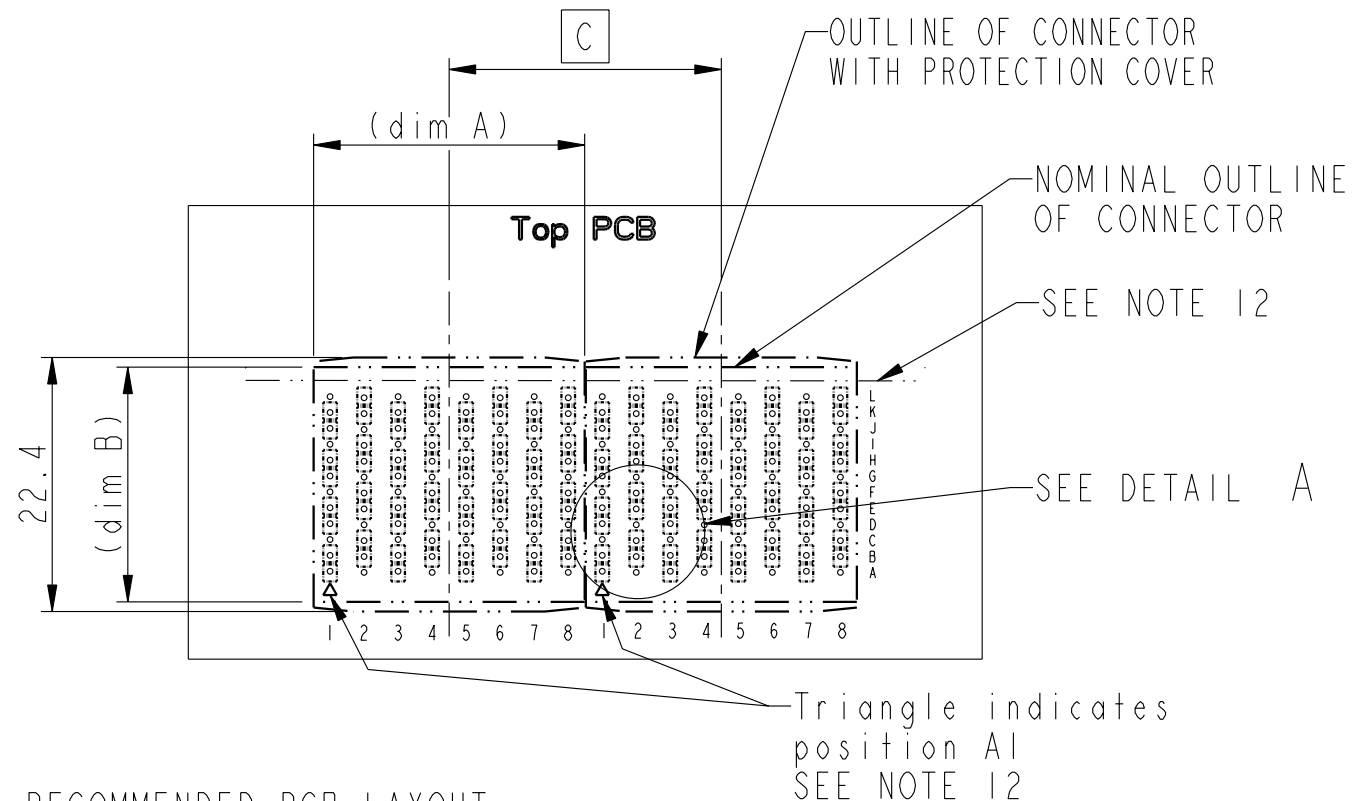
4

A

B

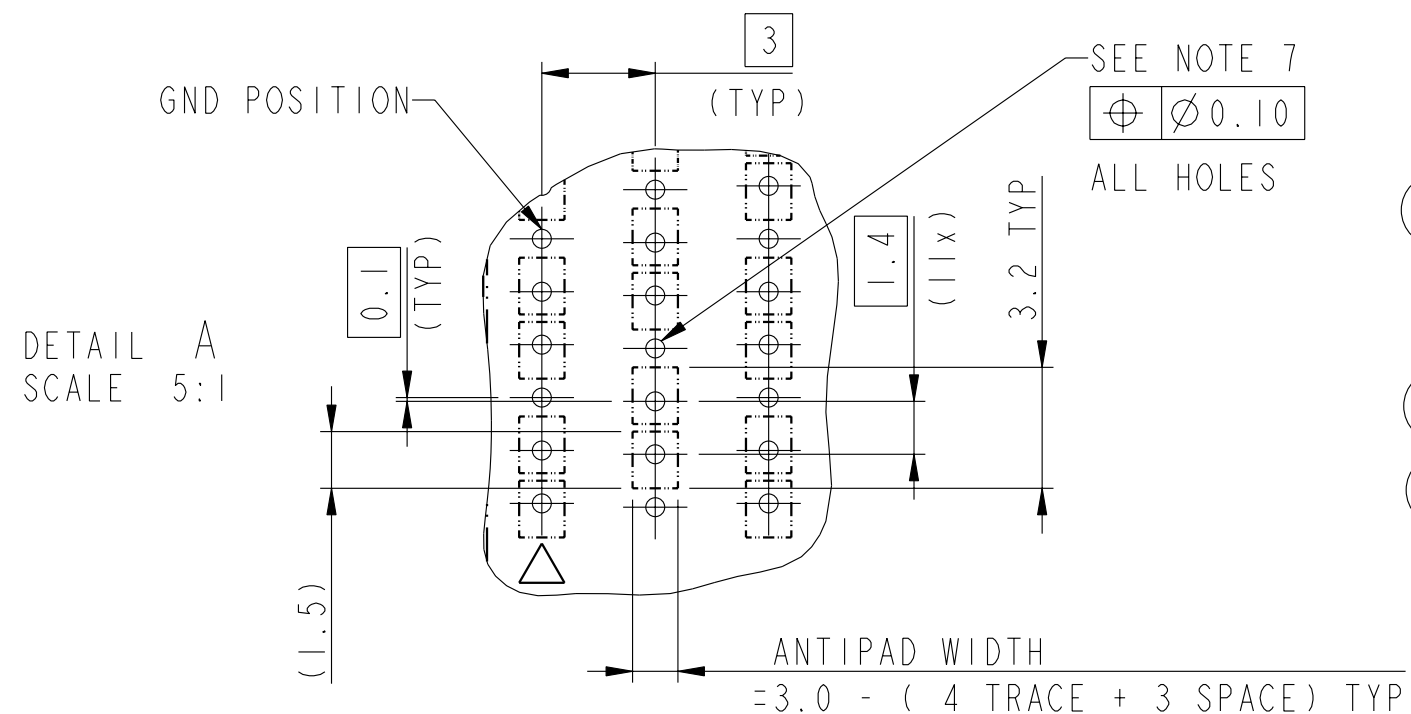
C

D



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

PN \ dim	A	B	C
10056429-101ABCI(LF)	23.9	20.7	24
10056429-104ABCI(LF)	25.9	20.7	26
10056429-105ABCI(LF)	23.9	22.6	24
10056429-108ABCI(LF)	25.9	22.6	26



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 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.

A

B

C

D



title AirMax VS VERTICAL HEADER
4 pair, 96pos, 3mm, 8 IMLA
catalog no -

dwg no 10056429
CUSTOMER

Rev.
A

sheet 5 of 5