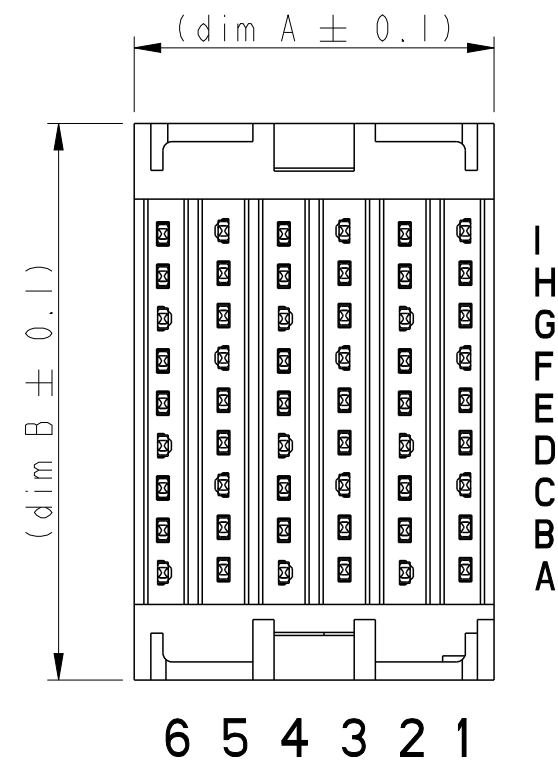
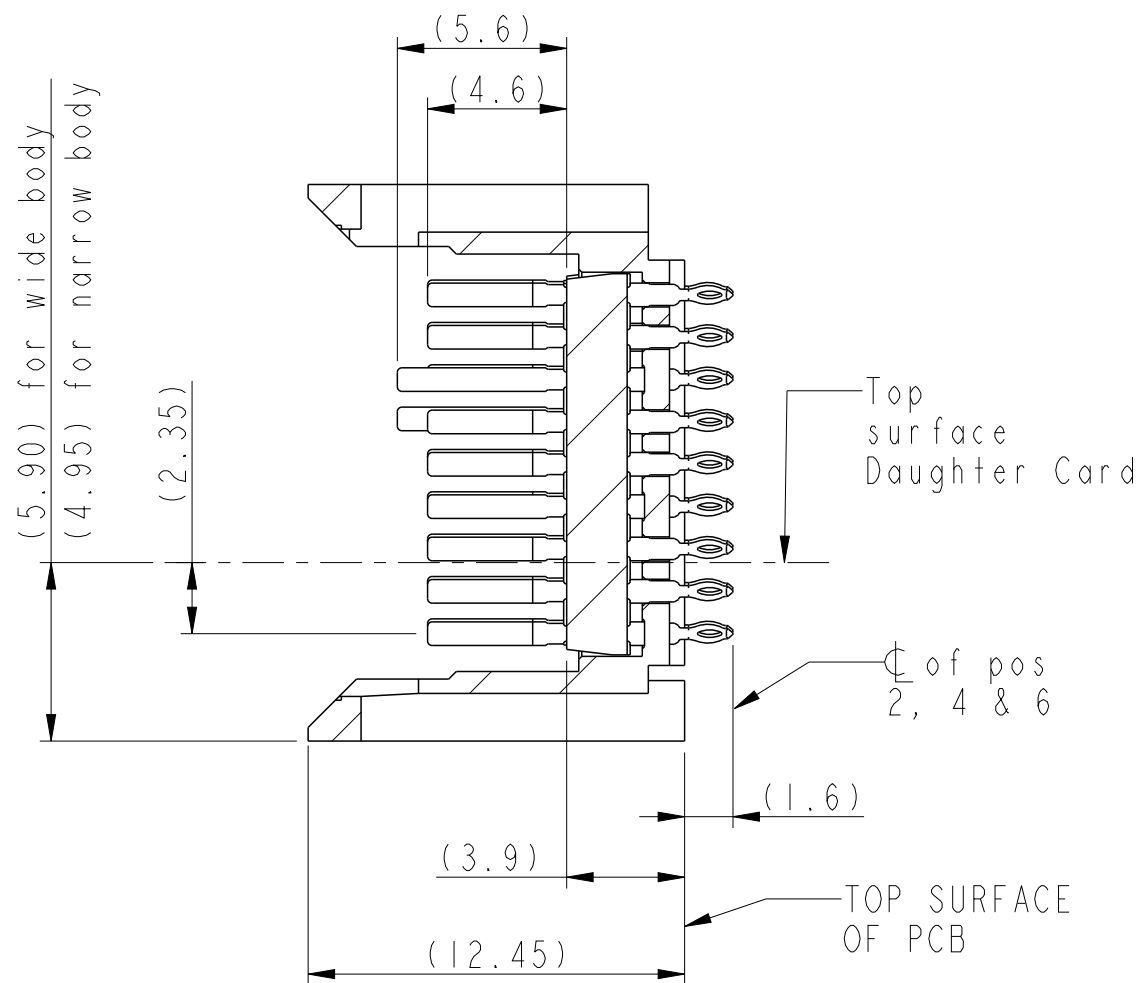
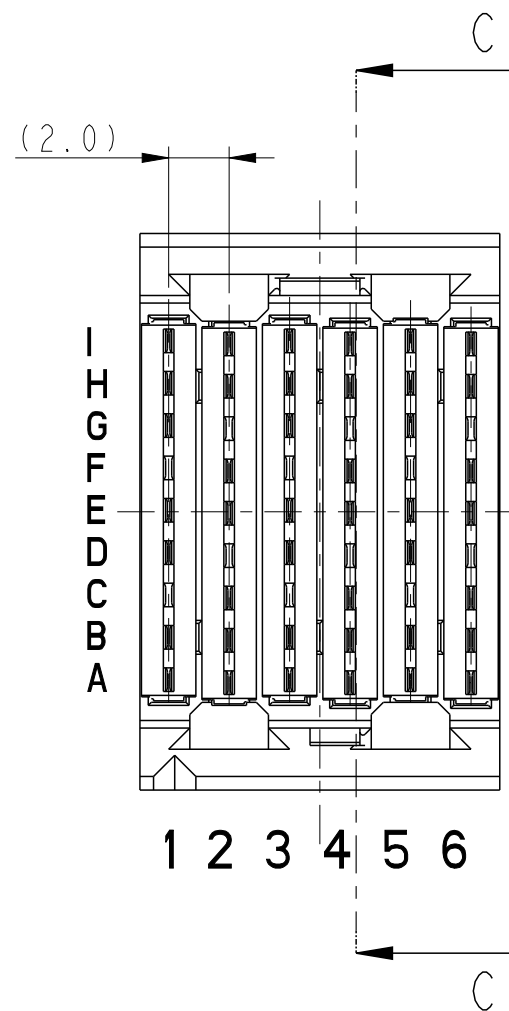


VIEWS WITHOUT
PROTECTION COVER



For housing types and
dim A and B see sheet 4

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



spec ref		RELEASE			dr	P.K.Ramesh	2005-09-23	projection		mm	size	A3	scale	2:1	
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Blieck	2005-09-23				ecn no	ELX-S-14797			
					chr	M. Cheong	2013-05-21								
					appr	C H Tan	2013-05-21	product family		AirMax VS	rel level			Released	
surface		linear	0.X	±		title	AirMax VS VERTICAL HEADER				dwg no	10056101		rev	F
			0.XX	±											
			0.XXX	±											
		ISO 1302	angular	0°	±°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 1 of 5		



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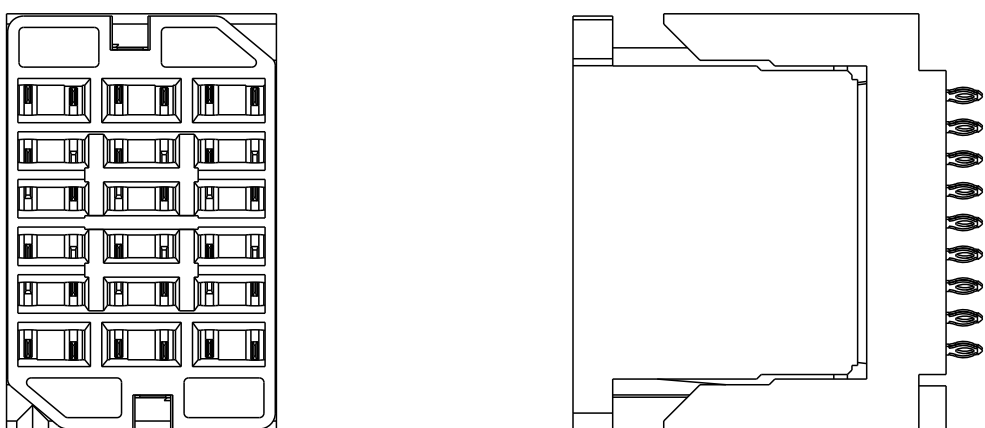
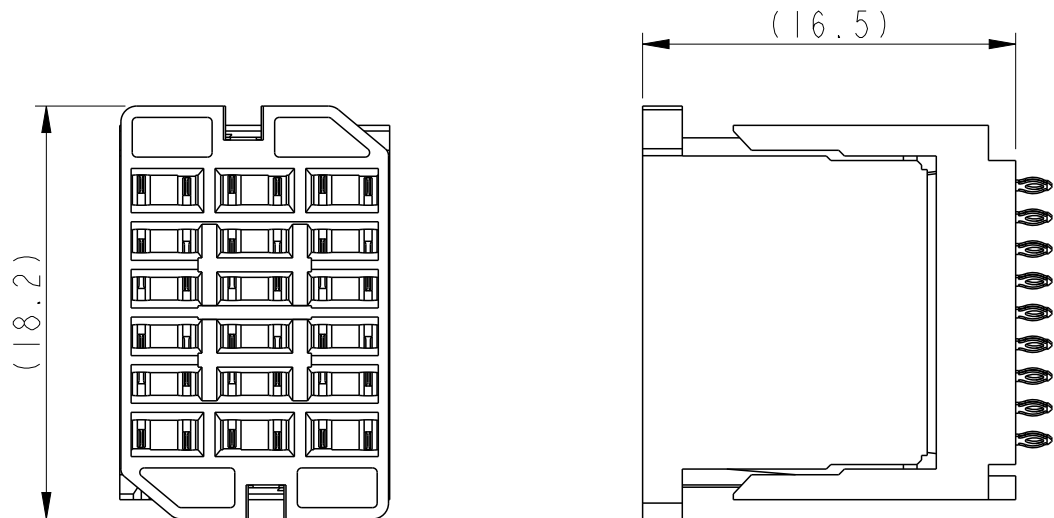
* Detection pin of 3.9mm possible on standard positions H3.
For other detection pin and options please consult FCI.

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

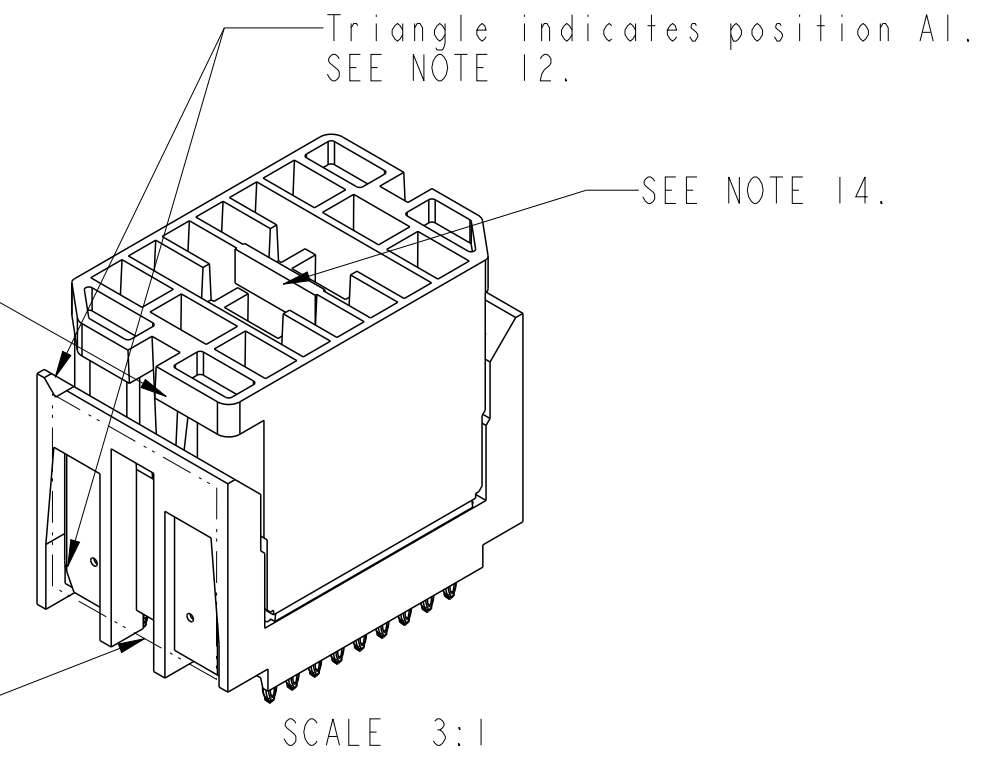
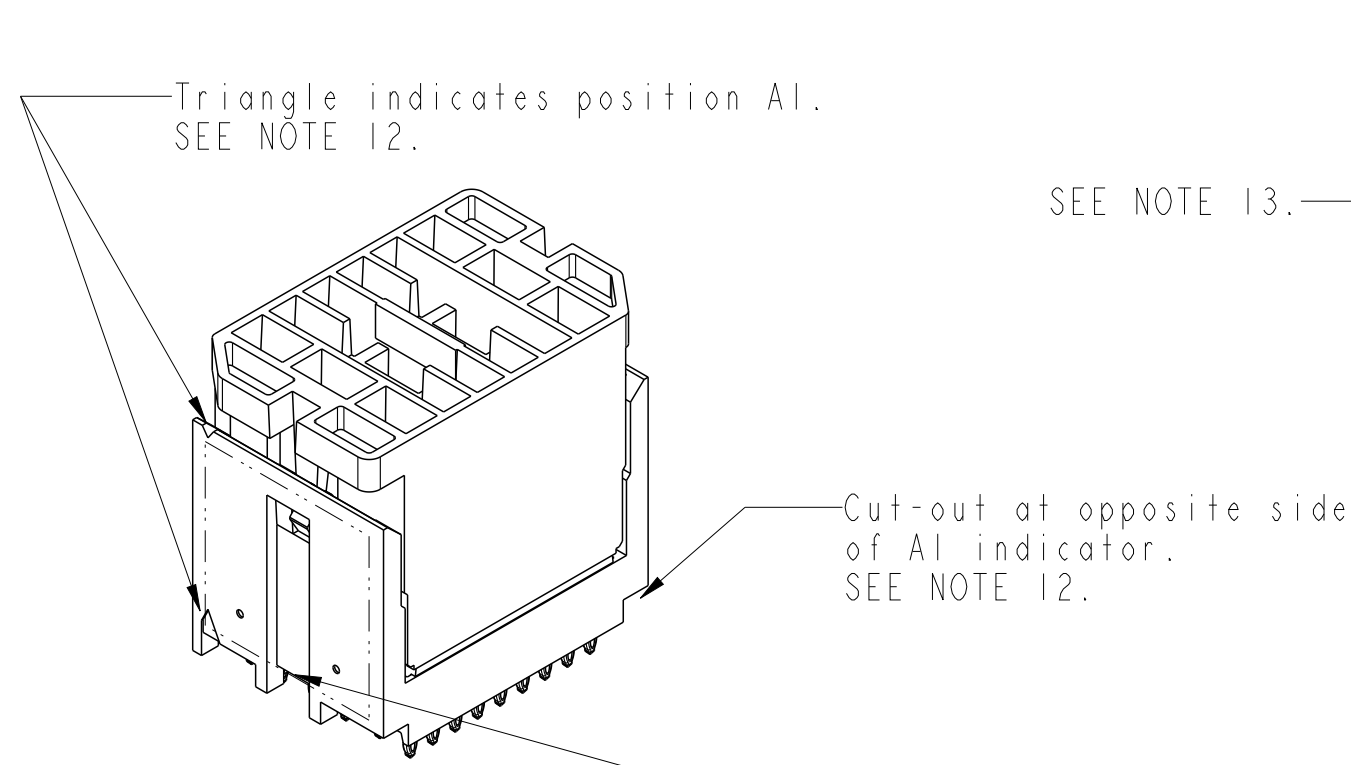
spec ref		RELEASE			dr		P.K.Ramesh		2005-09-23		projection 		mm 		size		A3		scale		2:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		R.de Blieck		2005-09-23						ecn no				ELX-S-14797						
ISO 406					chr		M. Cheong		2013-05-21						rel level				Released						
ISO 1101					appr		C H Tan		2013-05-21		product family				AirMax VS										
surface  ISO 1302		linear		0.X		±		 www.fci.com		title		AirMax VS VERTICAL HEADER						dwg no		10056101		rev		F	
				0.XX		±																			
				0.XXX		±																			
		angular		0°		±°				cat. no.		-		Product - Customer Drw				sheet 2 of 5							

NARROW BODY

WIDE BODY



SCALE 3:1



Copyright FCI.

spec ref		RELEASE			dr	P.K.Ramesh	2005-09-23	projection 	mm 	size	A3	scale	2:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Blieck	2005-09-23	ecn no			ELX-S-14797					
				chr	M. Cheong	2013-05-21									
ISO 406					appr	C H Tan	2013-05-21	product family		AirMax VS			rel level	Released	
ISO 1101															
surface		linear	0.X	±		title				dwg no	10056101			rev	F
			0.XX	±											
			0.XXX	±											
ISO 1302		angular	0°	±°	www.fci.com	cat. no.		-	Product - Customer Drw				sheet 3 of 5		

1

2

3

4

NARROW BODY

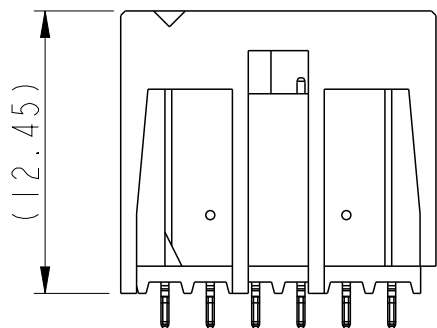
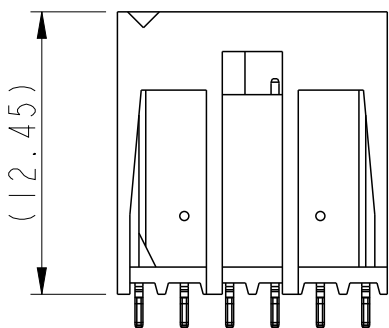
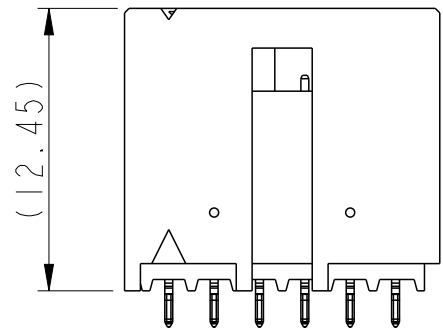
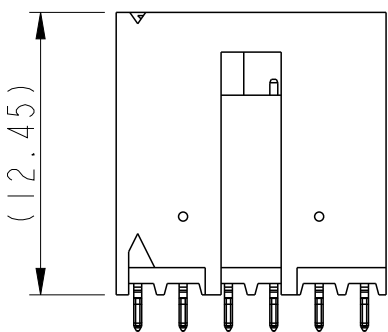
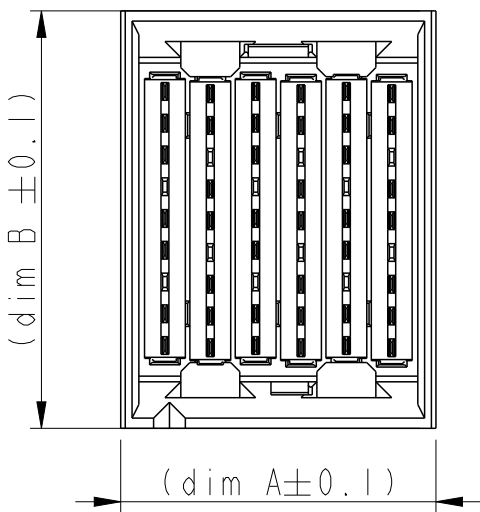
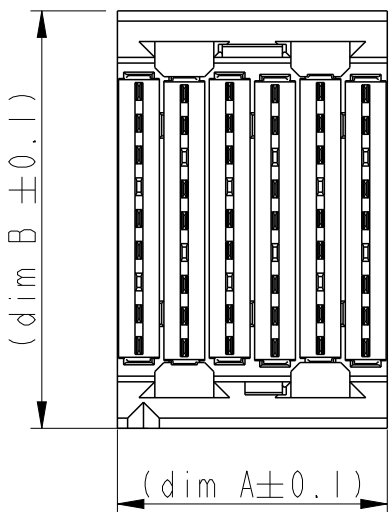
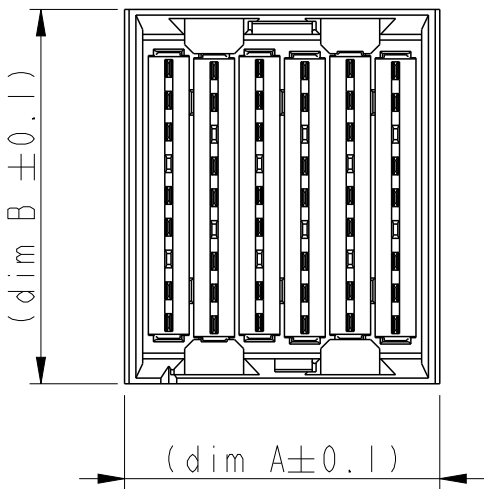
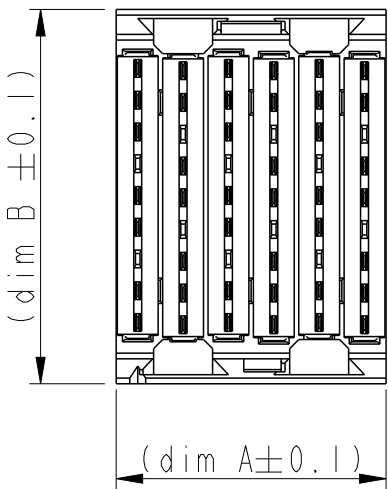
WIDE BODY

10056101 - X01ABC1

10056101 - X04ABC1

10056101 - X05ABC1

10056101 - X08ABC1

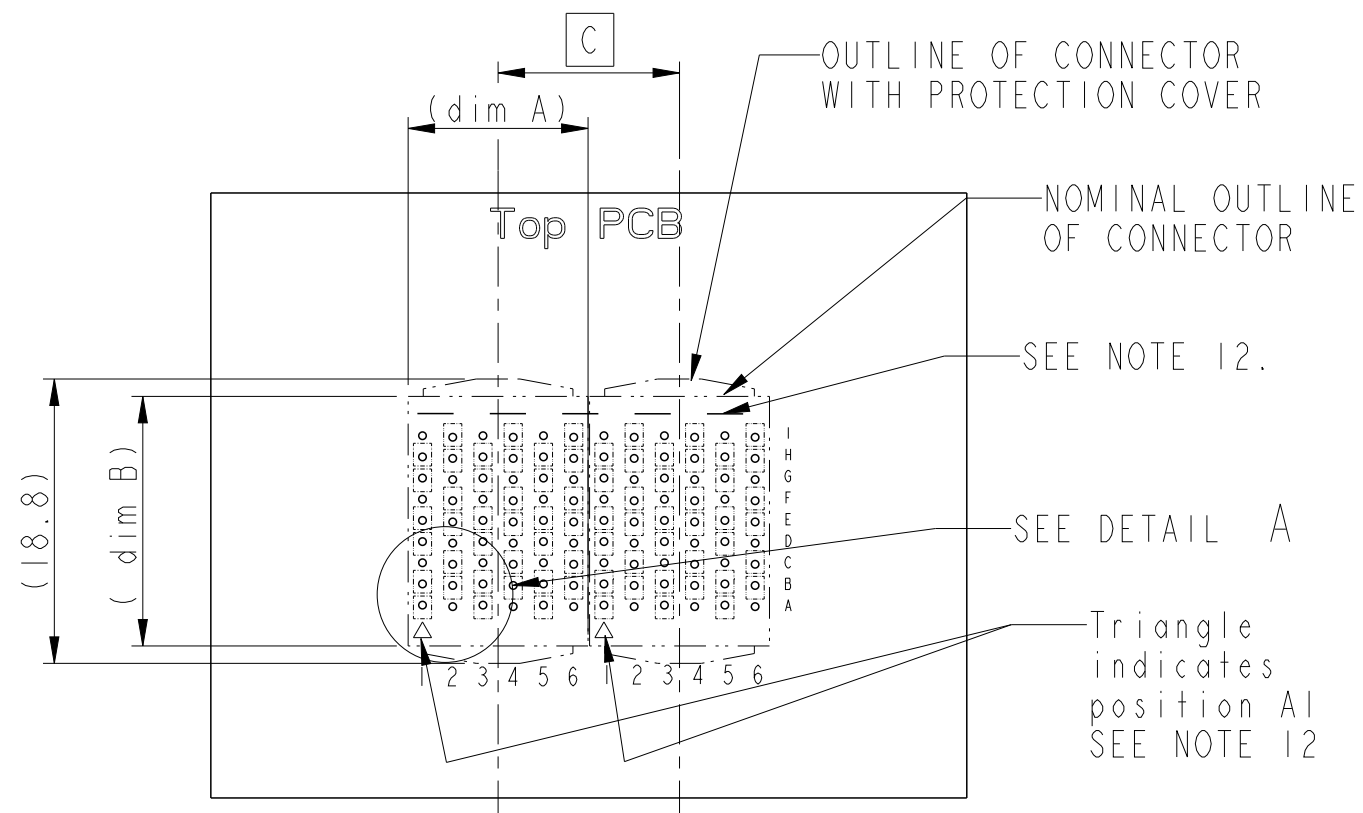


PN / dim	A	B
10056101-X01ABC1(LF)	11.9	16.5
10056101-X04ABC1(LF)	13.9	16.5
10056101-X05ABC1(LF)	11.9	18.4
10056101-X08ABC1(LF)	13.9	18.4

spec ref	RELEASE			dr	P.K.Ramesh	2005-09-23	projection 	mm 	size	A3	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Blieck	2005-09-23			ecn no			ELX-S-14797
ISO 406 ISO 1101				chr	M. Cheong	2013-05-21			rel level			Released
surface ✓ ISO 1302	linear	0.X	±	www.fci.com	title AirMax VS VERTICAL HEADER 3 pair, 54 pos, 2mm, 6 IMLA	cat. no.	-	Product - Customer Drw	dwg no 10056101	rev F	sheet 4 of 5	
		0.XX	±									
		0.XXX	±									
	angular	0°	±°									

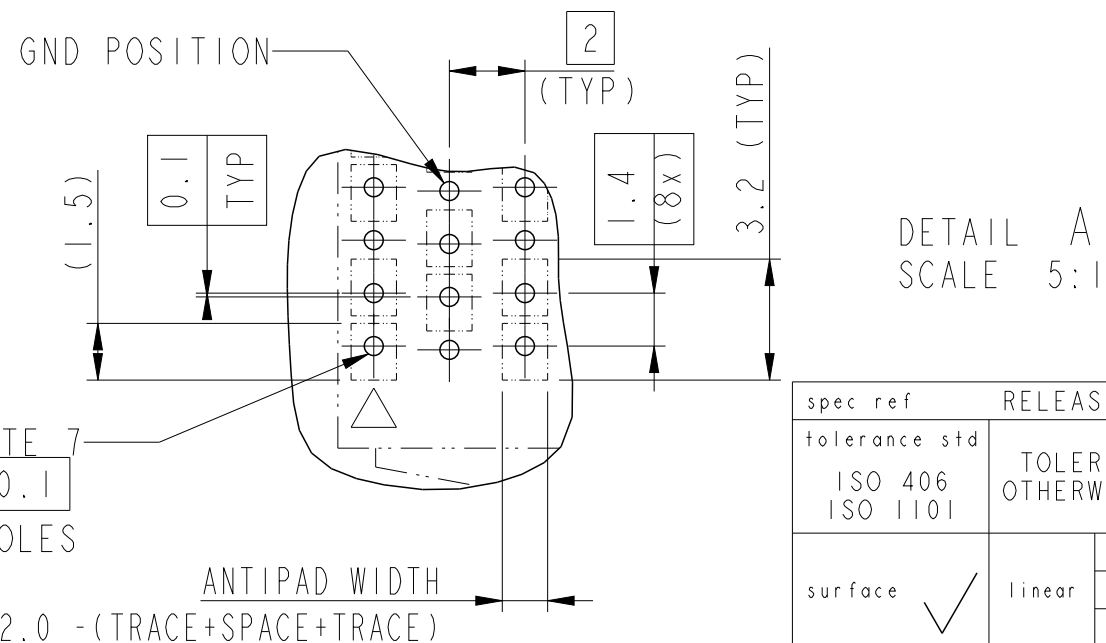


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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)

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

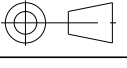


DETAIL A
SCALE 5:1

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 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  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

SEE NOTE 7
 $\varnothing 0.1$
ALL HOLES

spec ref		RELEASE			dr	P.K.Ramesh	2005-09-23	projection 	mm 	size	A3	scale	3:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Blicck	2005-09-23			ecn no	ELX-S-14797		
ISO 406 ISO 1101					chr	M. Cheong	2013-05-21						
					appr	C H Tan	2013-05-21	product family					
surface 	linear	0.X	±		title	AirMax VS VERTICAL HEADER 3 pair, 54 pos, 2mm, 6 IMLA			dwg no	10056101			rev F
		0.XX	±										
		0.XXX	±										
	ISO 1302	angular	0°	±°	www.fci.com	cat. no.	Product - Customer Drw			sheet 5 of 5			