



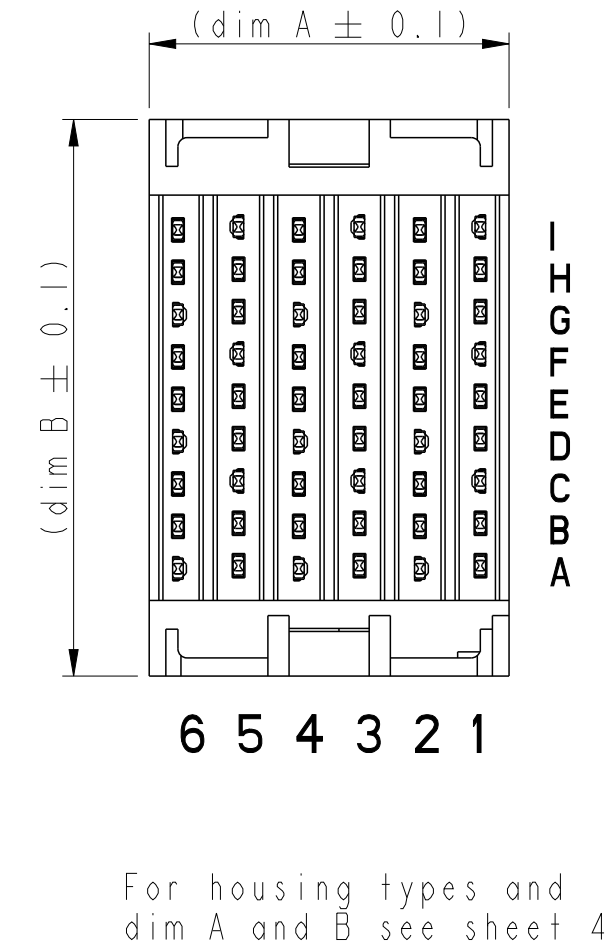
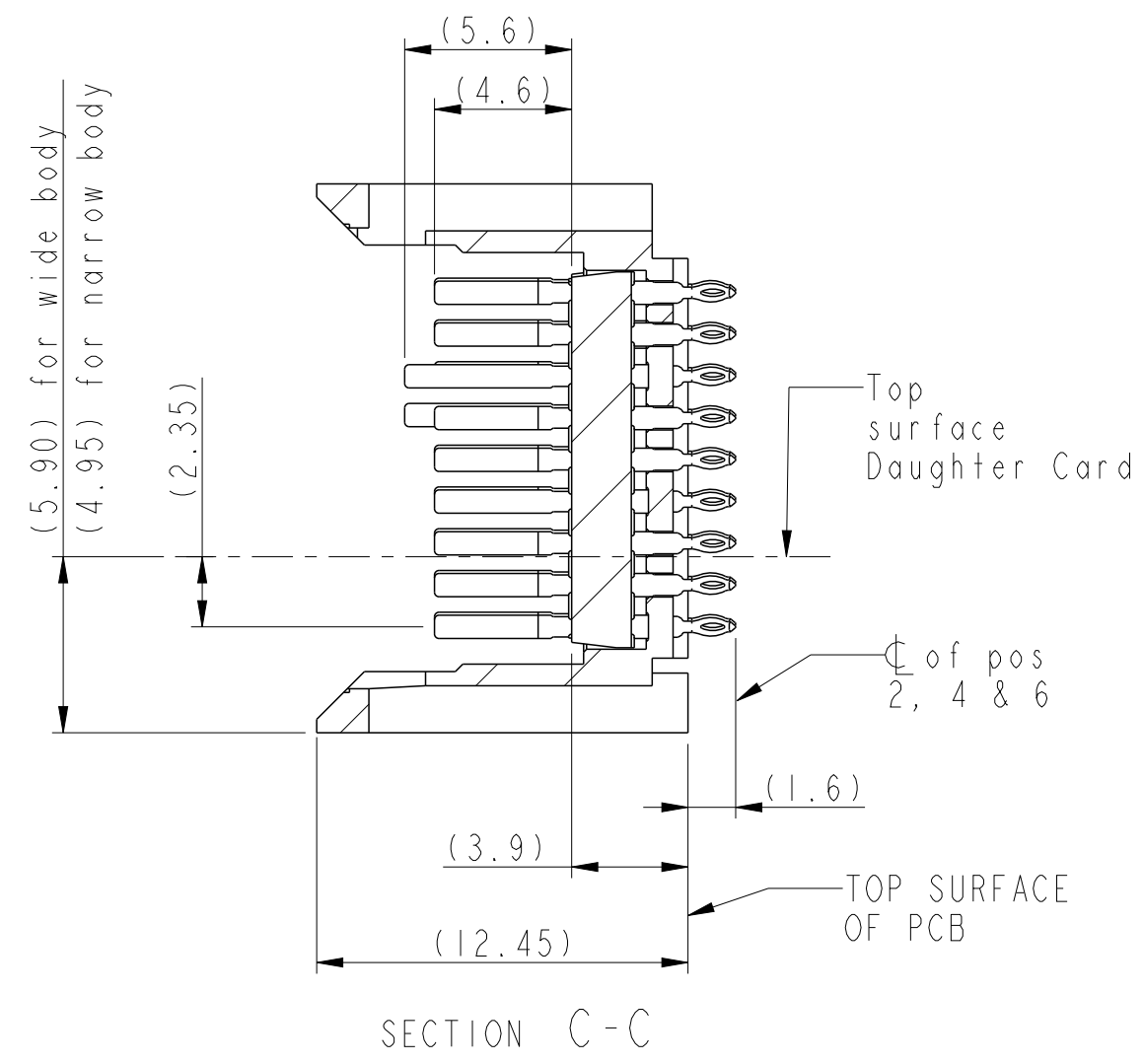
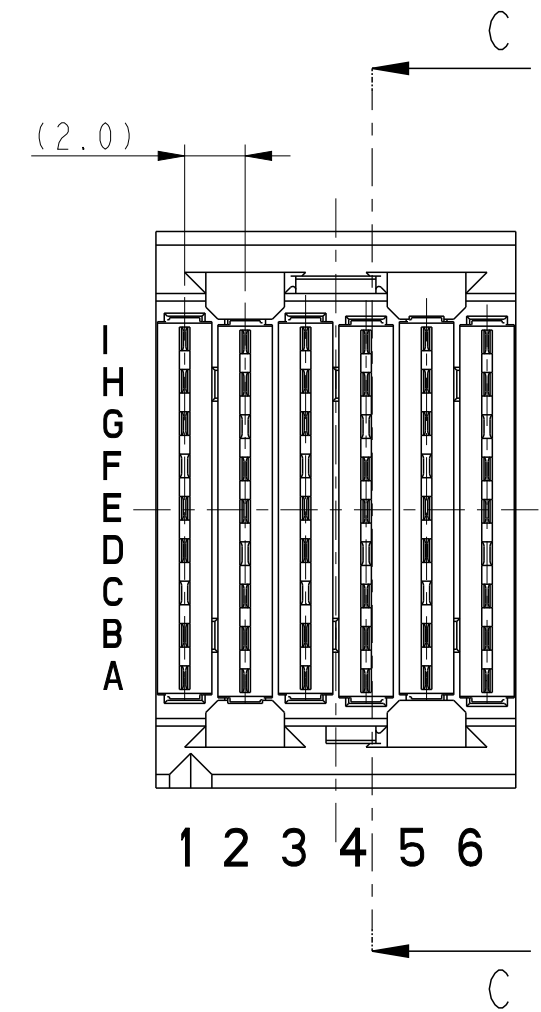
Part number:  
10056101-1YZABCILF

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

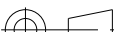



ABC = PINLAYOUT  
001 = standard layout (no detect pin)  
xxx = other versions see sheet 2

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	rel level			Released			
					appr	C H Tan	2013-05-21	product family		AirMax VS			
surface -  ISO 1302	linear	0.X	±		title	AirMax VS VERTICAL HEADER 3 pair, 54 pos, 2mm, 6 IMLA				dwg no	10056101		rev F
		0.XX	±										
		0.XXX	±										
	angular	0°	±°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 1 of 5		



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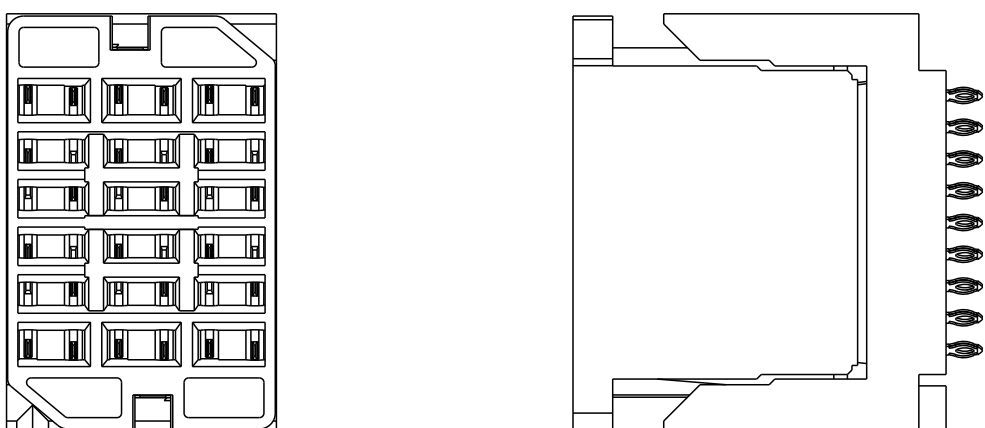
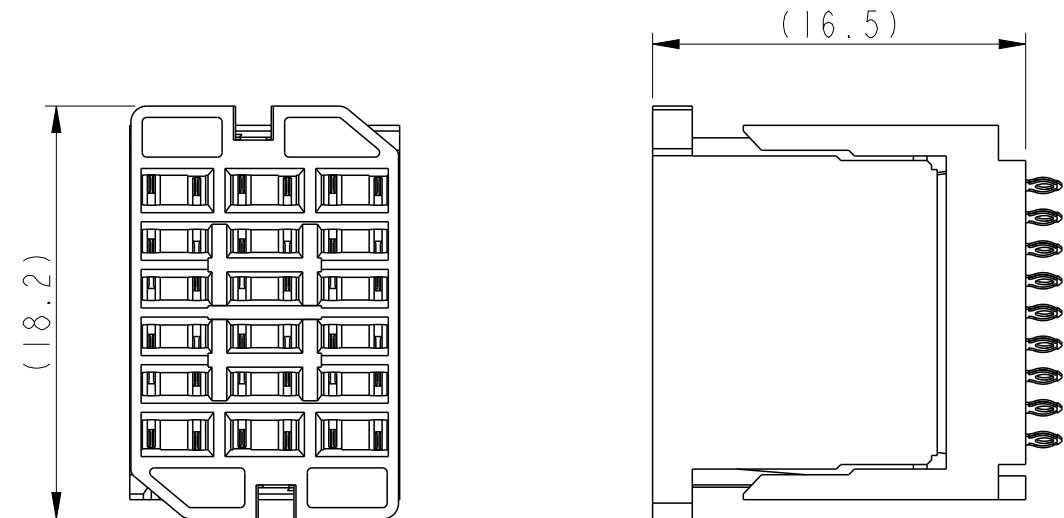
\* Detection pin of 3.9mm possible on standard positions H3.  
For other detection pin and options please consult FCI.

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

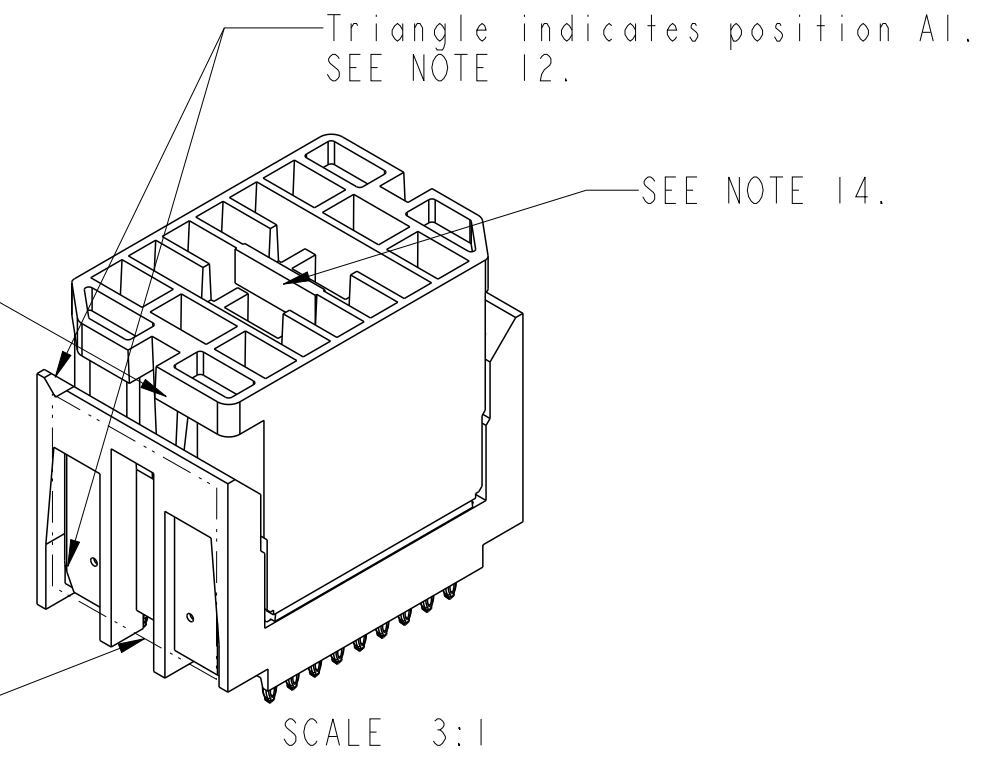
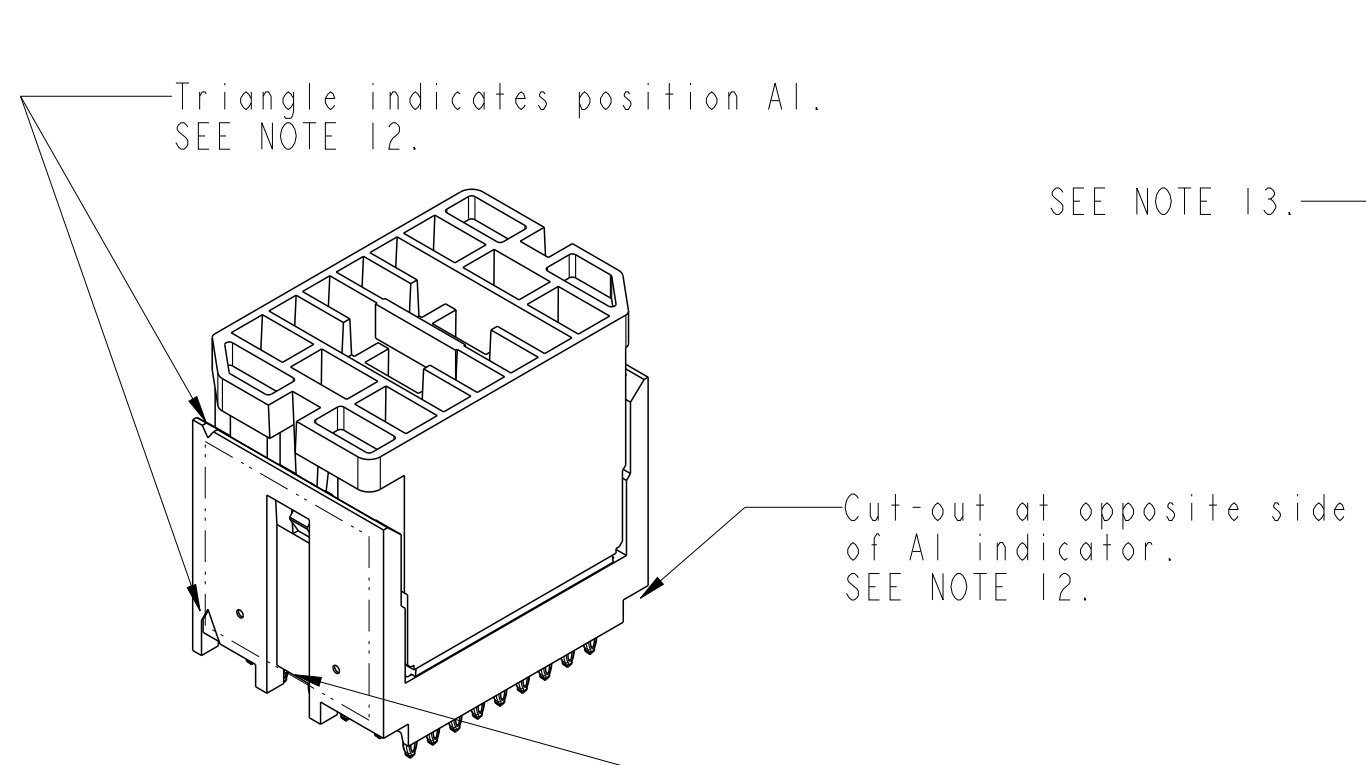
spec ref		RELEASE			dr	P.K.Ramesh	2005-09-23	<div>projection</div> <div></div>		<div>mm</div> <div></div>		size	A3	scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Blieck	2005-09-23					ecn no		ELX-S-14797					
ISO 406 ISO 1101					chr	M. Cheong	2013-05-21												
		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

NARROW BODY





WIDE BODY



SCALE 3:1



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spec ref		RELEASE			dr		P.K.Ramesh		2005-09-23		<div>projection</div> <div></div>		<div>mm</div> <div></div>		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 ISO 1101					chr		M. Cheong		2013-05-21						rel level				Released										
ISO 1101					appr		C H Tan		2013-05-21		product family				AirMax VS														
<div>surface</div> <div></div> <div>ISO 1302</div>		linear		0.X		±		<div></div> <div>www.fci.com</div>		title		AirMax VS VERTICAL HEADER 3 pair, 54 pos, 2mm, 6 IMLA						dwg no		10056101						rev		F	
				0.XX		±																							
				0.XXX		±																							
angular		0°		±°		cat. no.		-		Product - Customer Drw						sheet 3 of 5													

1

2

3

4

NARROW BODY

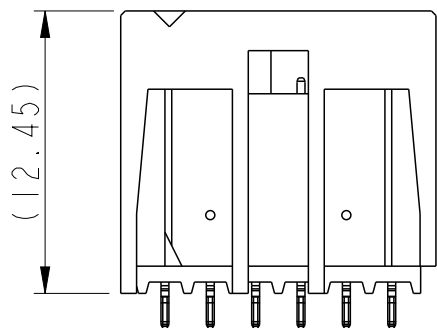
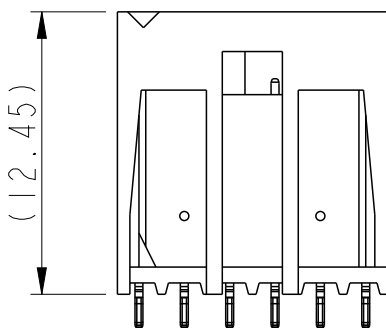
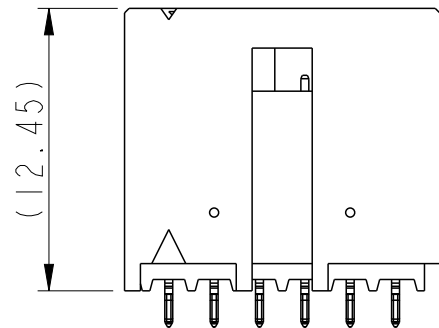
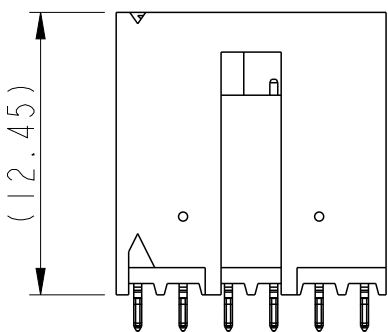
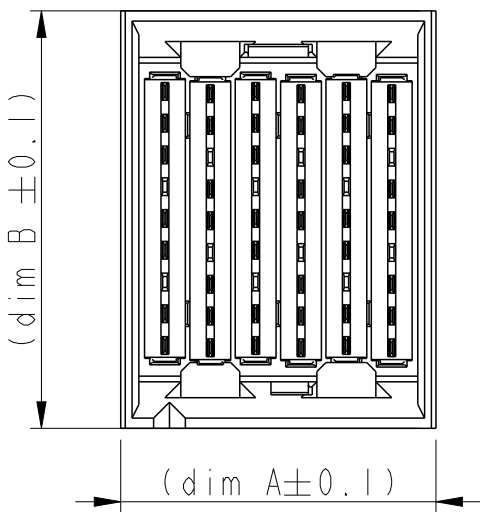
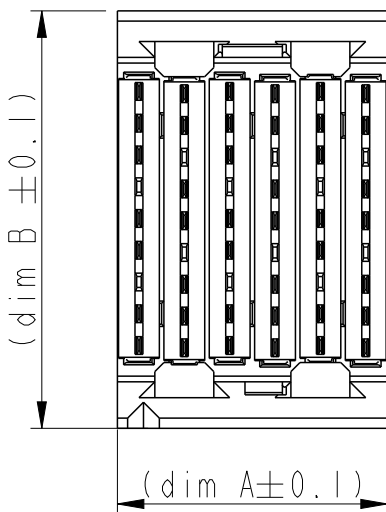
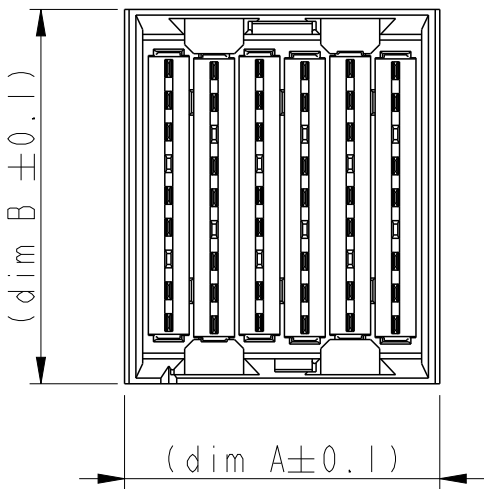
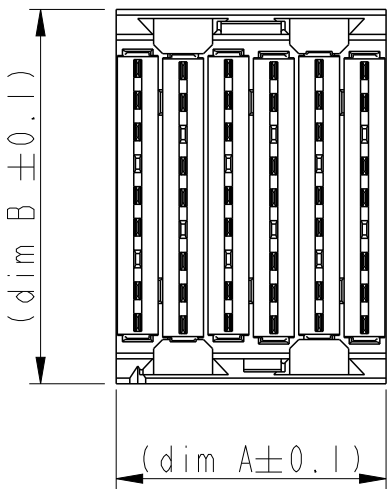
WIDE BODY

10056101 - X01ABCI





10056101 - X04ABCI

10056101 - X05ABCI

10056101 - X08ABCI

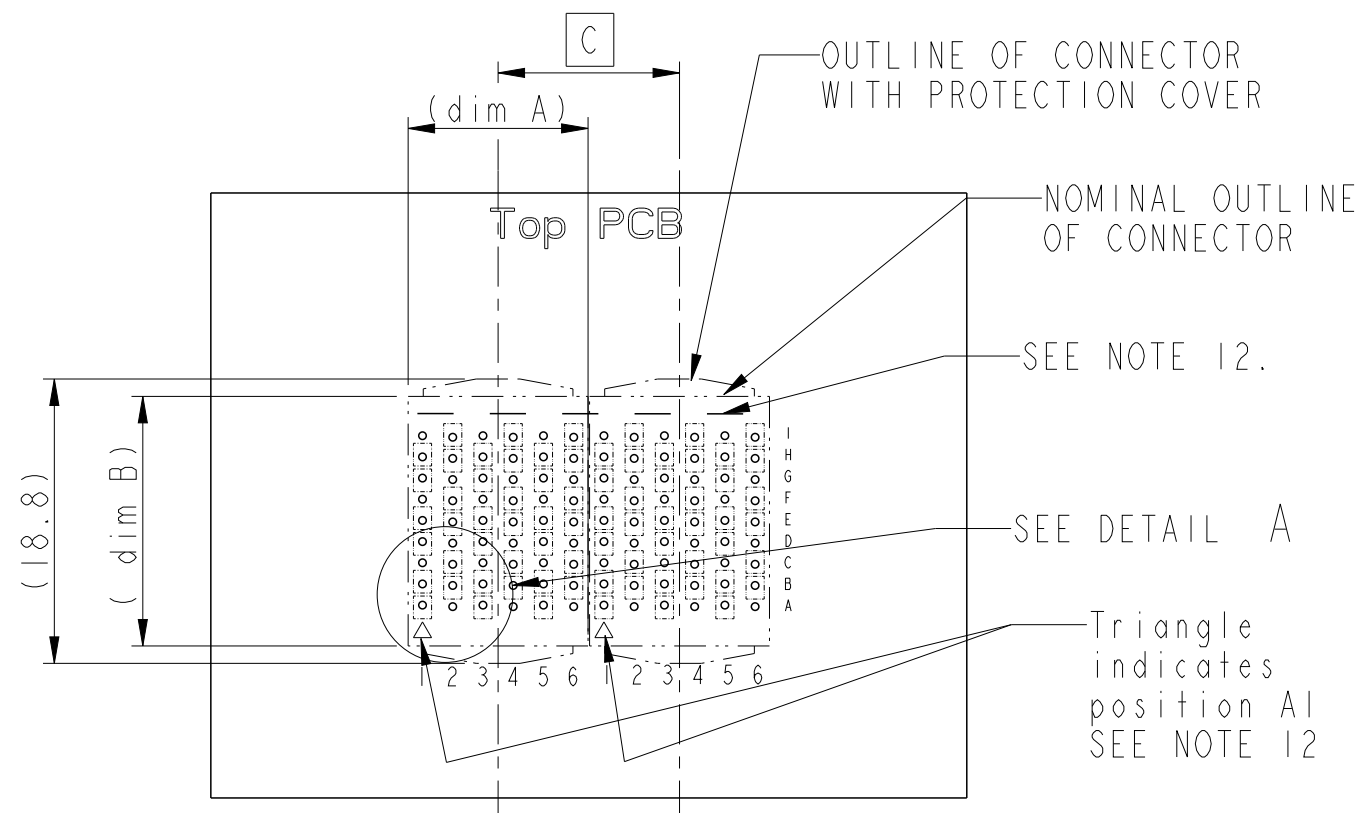


PN / dim	A	B
10056101-X01ABCI(LF)	11.9	16.5
10056101-X04ABCI(LF)	13.9	16.5
10056101-X05ABCI(LF)	11.9	18.4
10056101-X08ABCI(LF)	13.9	18.4

spec ref		RELEASE			dr	P.K.Ramesh	2005-09-23	projection 	mm 	size	A3	scale	3:1
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   ISO 1302	linear	0.X	±		title	AirMax VS VERTICAL HEADER 3 pair, 54 pos, 2mm, 6 IMLA			dwg no	10056101		rev	F
		0.XX	±										
		0.XXX	±										
angular		0°	±°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 4 of 5		

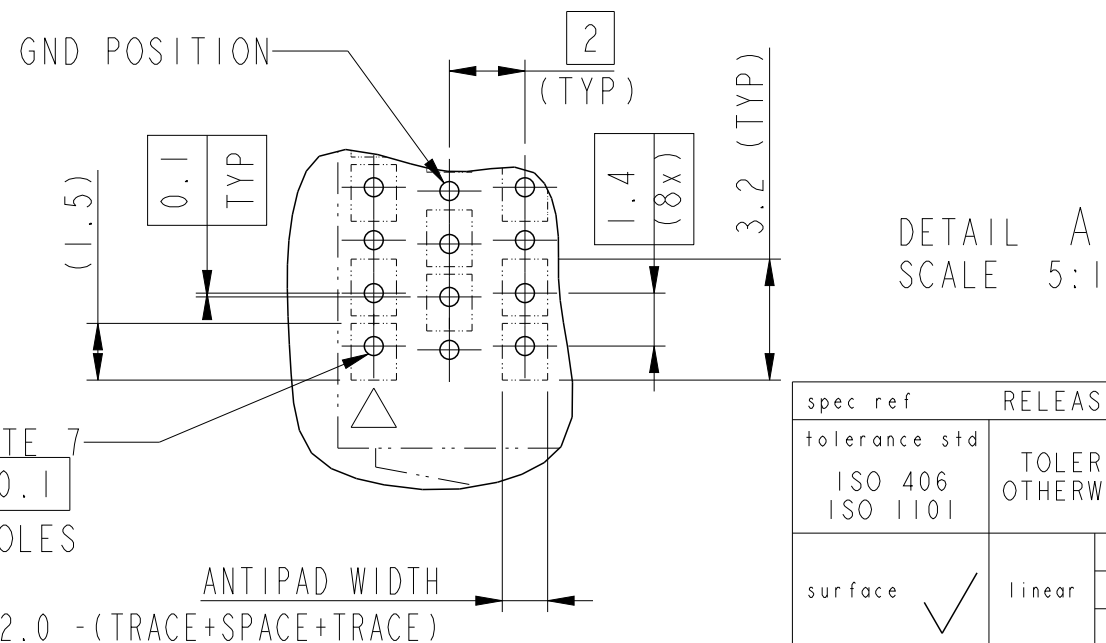


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RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)

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



#### 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	<div>projection</div> <div></div>	<div>mm</div> <div></div>	size	A3	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	R.de Blicck	2005-09-23			ecn no	ELX-S-14797		
					chr	M. Cheong	2013-05-21						
					appr	C H Tan	2013-05-21						
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