

Partnumber:
10055140-1YZABCILF

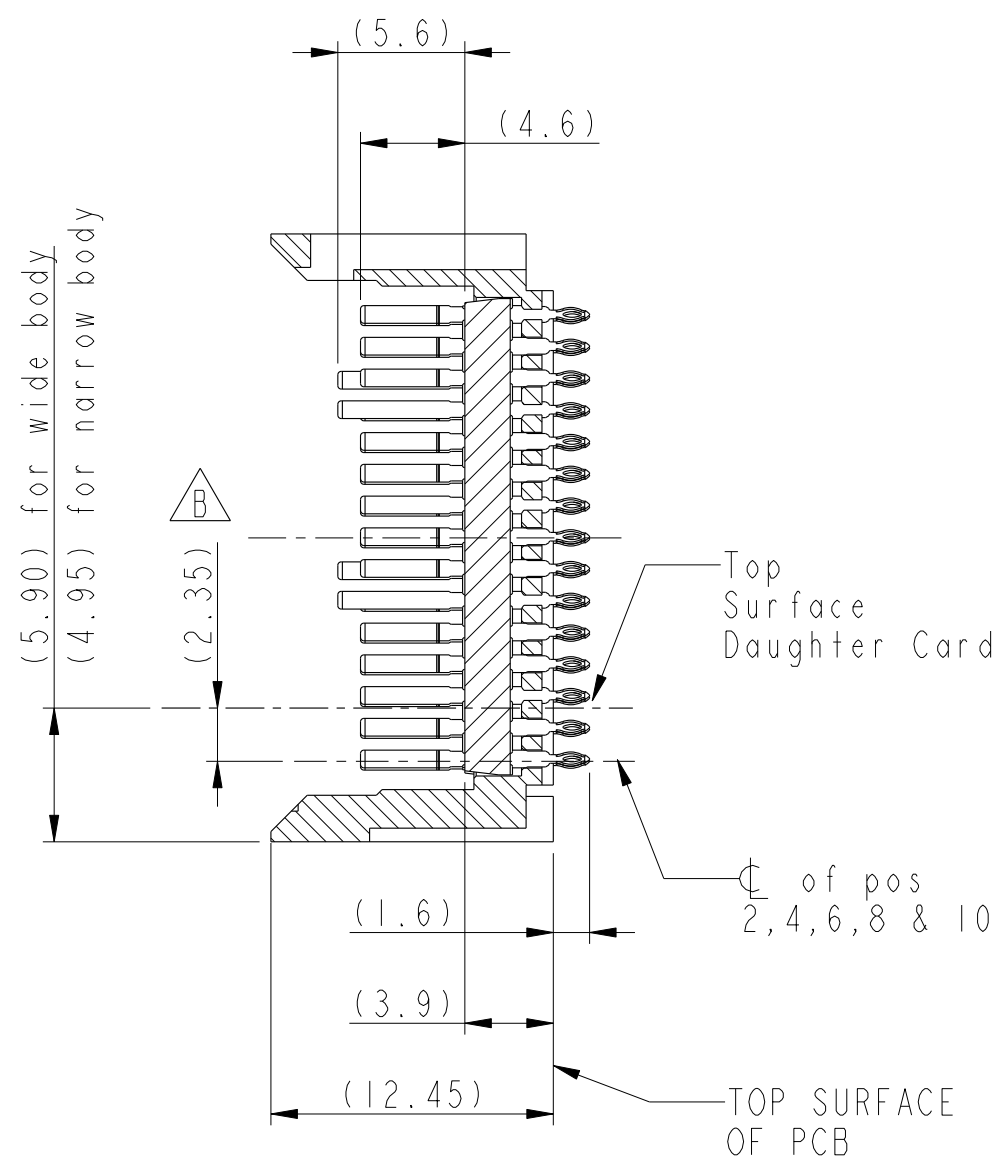
X = PLATING
I=TELCORDIA CO (see note sheet 5)

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

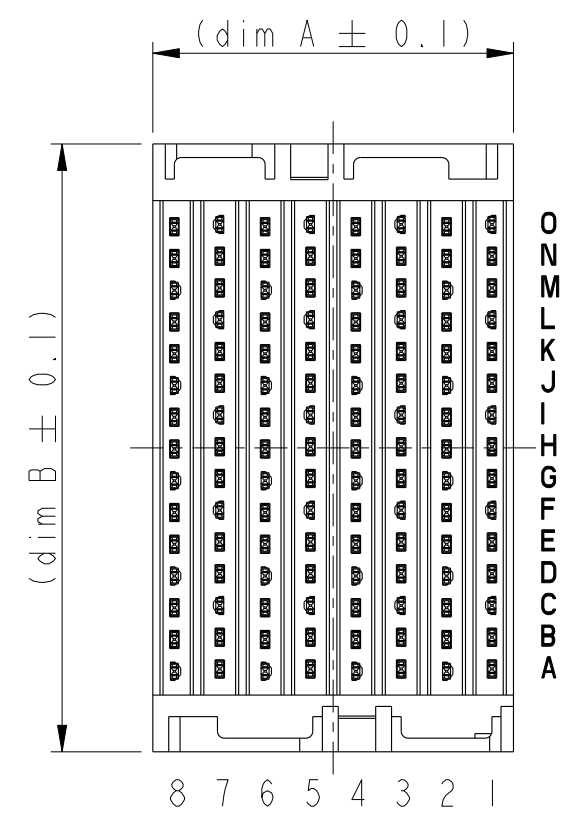
ABC = PIN LAYOUT
001 = standard layout (no detect pin)
xxx = other versions see sheet 2

LF = Lead Free
LF = Lead free product (see note 8 sheet 5)
no suffix = Non lead free: available upon special request

VIEWS WITHOUT PROTECTION COVER

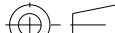





SECTION C-C



For housing types and dim A and B see sheet 4

2 WALL WIDE BODY VERSION AS SHOWN

spec ref		RELEASE		dr	Matthew Cheong	2007/04/25	projection 	mm 	size	A3	scale	2:1					
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Roger Ng	2013/01/28			ecn no	ELX-S-13944-1							
				chr	-	-			rel level			Released					
				appr	Chen-Hong Tan		2013-01-30	product family		AirMax VS							
surface -  ISO 1302	linear	0.X	±		title AirMax VS VERTICAL HEADER 5 pair, 120 pos, 2mm, 8 IMLA				dwg no 10055140				rev B				
		0.XX	±														
		0.XXX	±		www.fci.com				cat. no.				-		Product - Customer Drw		sheet 1 of 5
	angular	0°	±°														

1

2

3

4

A

A

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

B

B

Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ detect)	4.6mm Otherpins (typ sign)
10055140-IYZ0011(LF)	L1,M2,L3,M4,L5,M6,L7,M8 F1,G2,F3,G4,F5,G6,F7,G8	-	all other positions
10055140-IYZ0031(LF)	L1,M2,L3,M4,L5,M6,L7,M8 F1,G2,F3,G4,F5,G6,F7,G8	H5	all other positions

C




C



Copyright FCI.

D

D

spec ref		RELEASE			dr Matthew Cheong		2007/04/25		projection		mm		size A3		scale 2:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Roger Ng		2013/01/28						ecn no		ELX-S-13944-1		
ISO 406					chr -		-						rel level		Released		
ISO 1101					appr Chen-Hong Tan		2013-01-30		product family		AirMax VS						
surface 		linear		0.X ±		FCi		title AirMax VS VERTICAL HEADER		dwg no		10055140		rev B			
																0.XX ±	
																0.XXX ±	
ISO 1302		angular		0° ±°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 5			

2

3

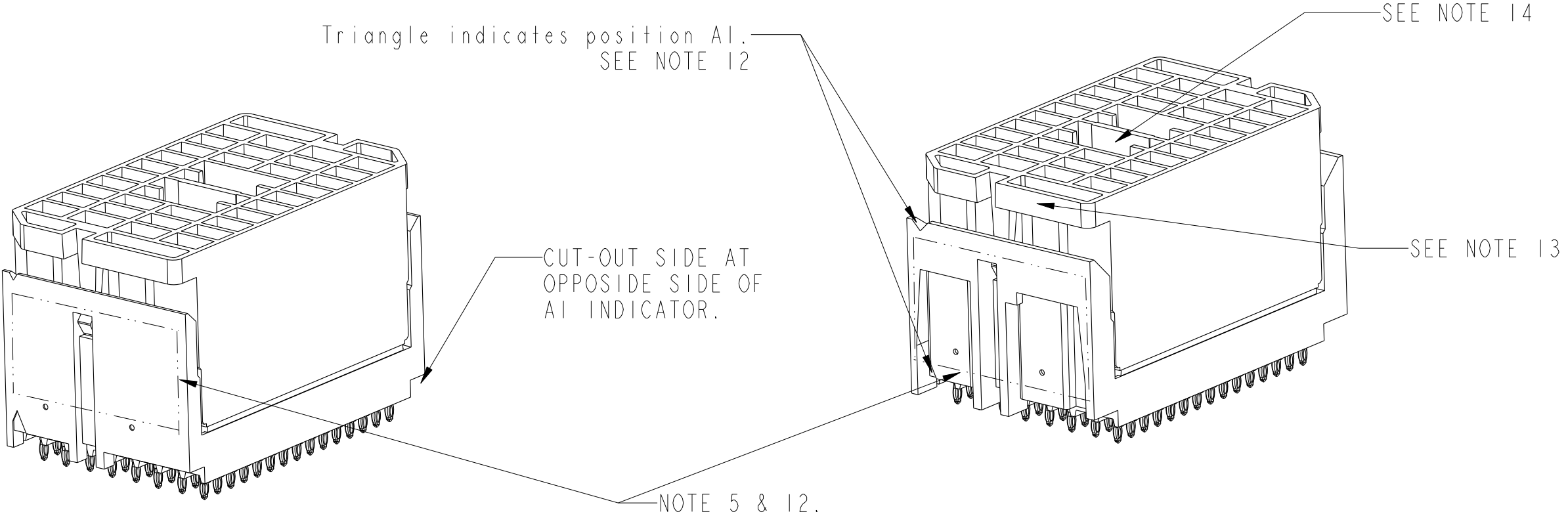
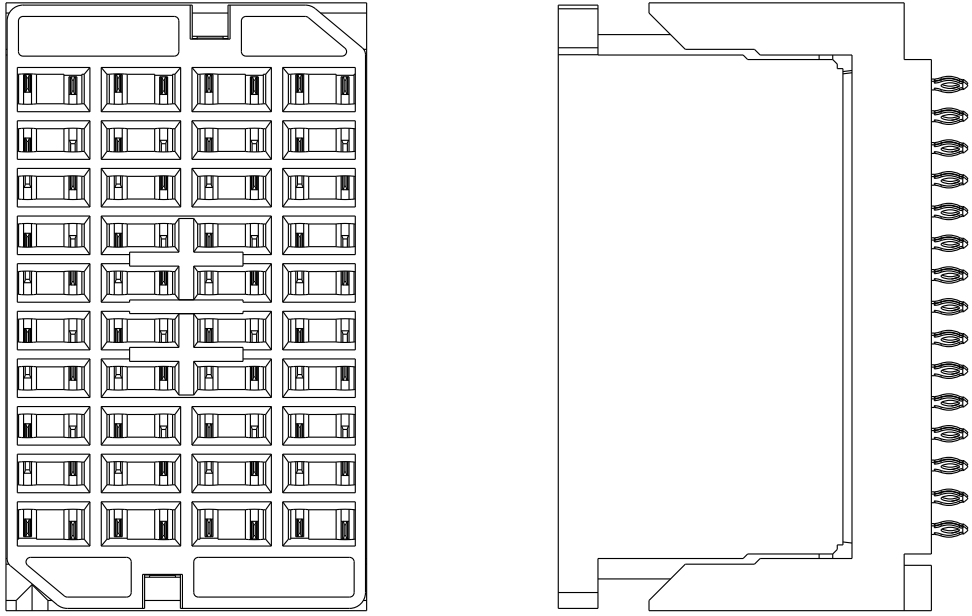
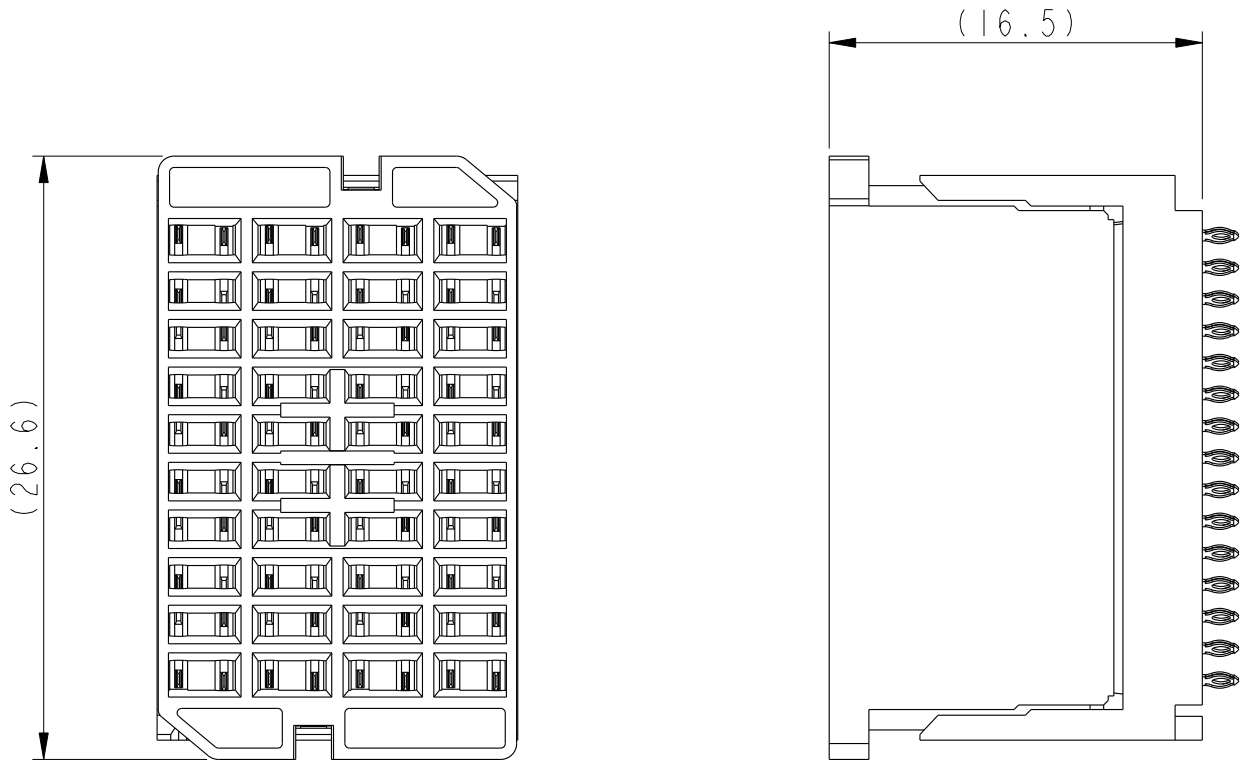
PDS: Rev :B

STATUS:Released

Printed: Feb 01, 2013

NARROW BODY

WIDE BODY



spec ref		RELEASE			dr		Matthew Cheong		2007/04/25		projection		mm		size		A3		scale		2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Roger Ng		2013/01/28						ecn no		ELX-S-13944-1					
ISO 406					chr		-		-						rel level		Released					
ISO 1101					appr		Chen-Hong Tan		2013-01-30						product family		AirMax VS					
surface		linear		0.X		±				title		AirMax VS VERTICAL HEADER		dwg no		10055140		rev		B		
				0.XX		±																
				0.XXX		±																
ISO 1302		angular		0°		±°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 5						

NARROW BODY

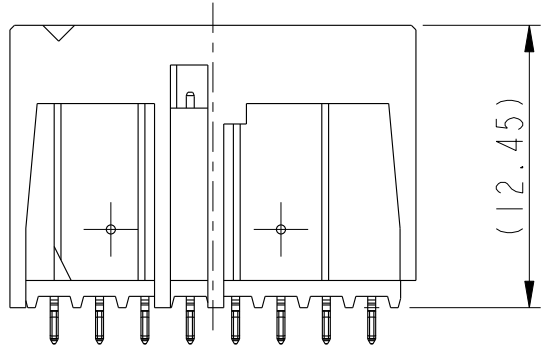
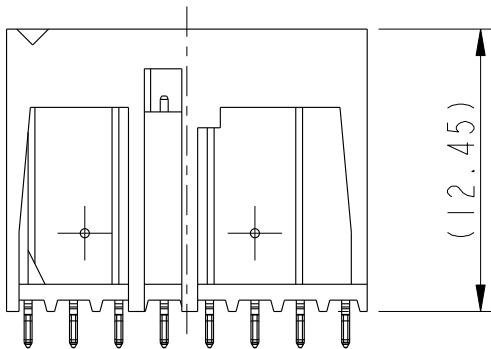
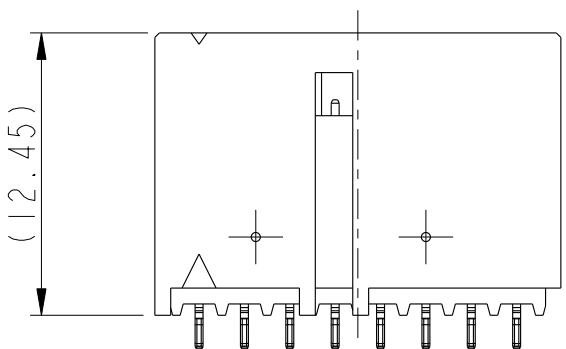
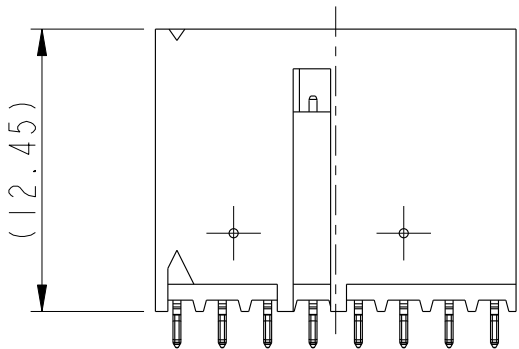
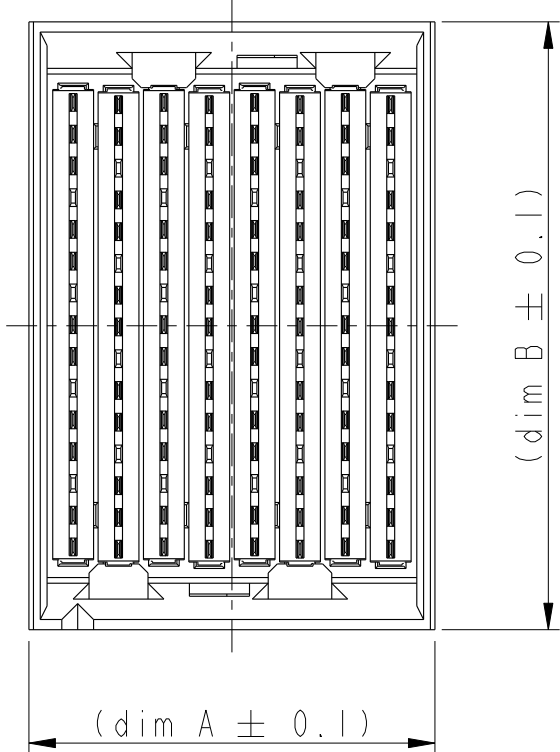
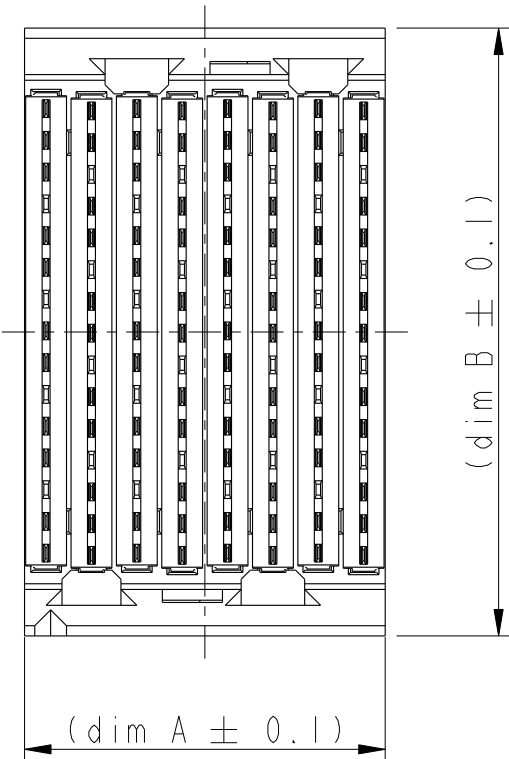
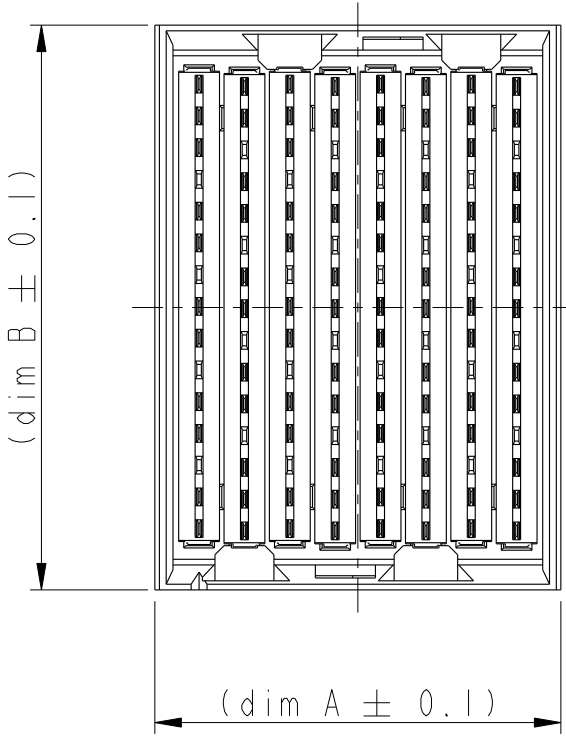
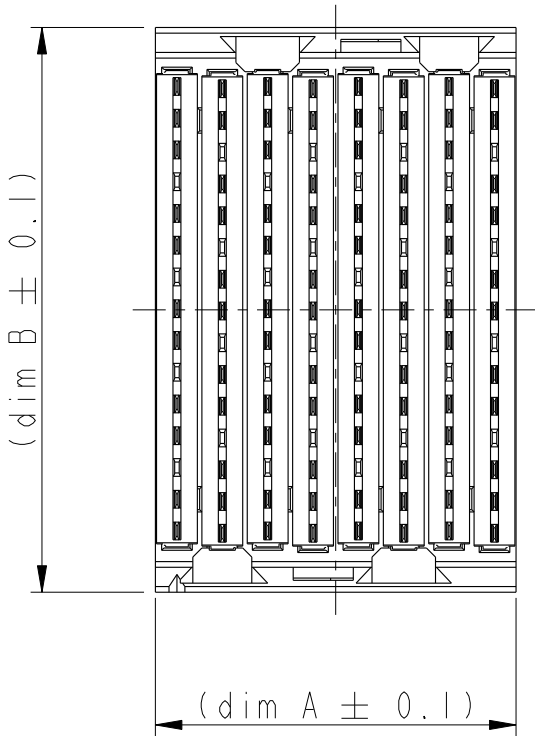
WIDE BODY

10055140-101ABCI


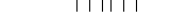


10055140-104ABCI

10055140-105ABCI

10055140-108ABCI



PN / dim	A	B
10055140-101ABCI(LF)	15.9	24.9
10055140-104ABCI(LF)	17.9	24.9
10055140-105ABCI(LF)	15.9	26.8
10055140-108ABCI(LF)	17.9	26.8

spec ref		RELEASE			dr Matthew Cheong 2007/04/25		projection 	mm 	size A3		scale 2:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Roger Ng 2013/01/28		ecn no ELX-S-13944-1						
				chr - -		rel level Released						
		appr Chen-Hong Tan 2013-01-30			product family AirMax VS							
surface  ISO 1302	linear	0.X	±		title AirMax VS VERTICAL HEADER 5 pair, 120 pos, 2mm, 8 IMLA				dwg no 10055140	rev B		
		0.XX	±									
		0.XXX	±									
		angular	0°	±°	www.fci.com		cat. no. -		Product - Customer Drw		sheet 4 of 5	

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

A

B

C

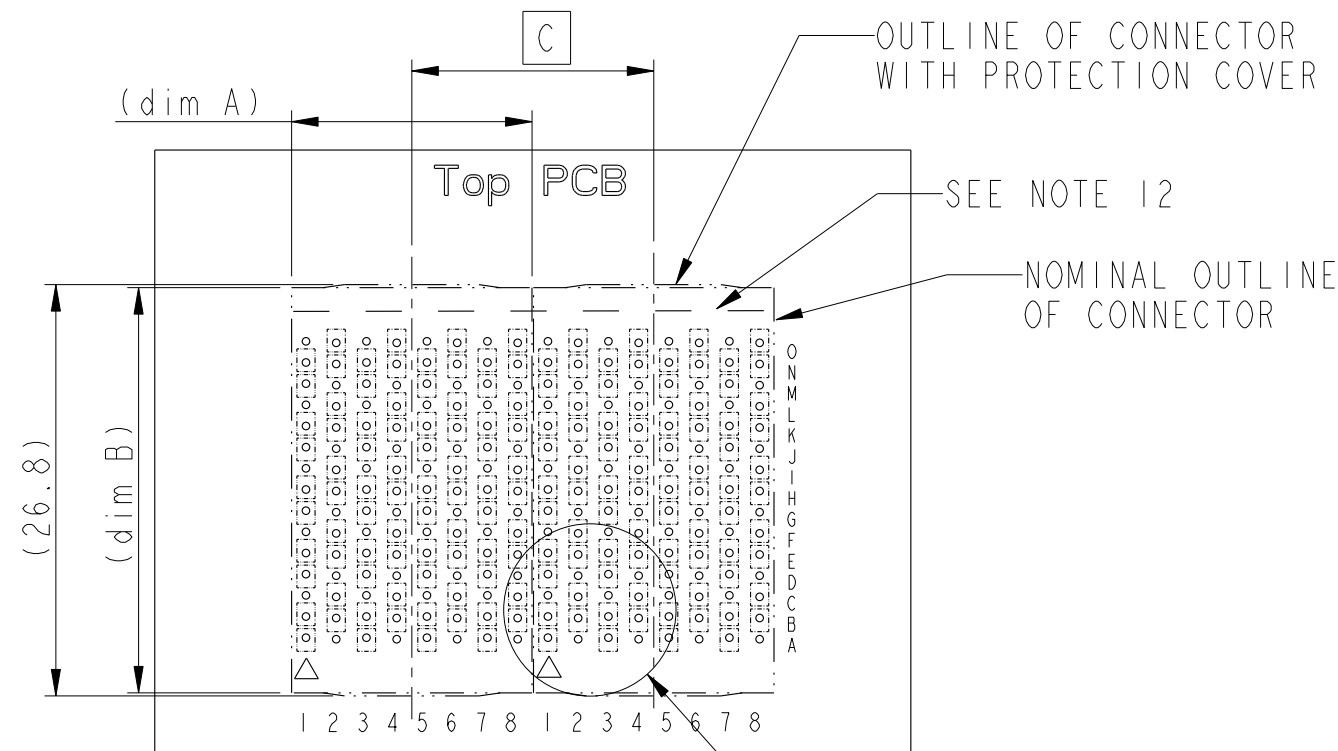
D

A

B

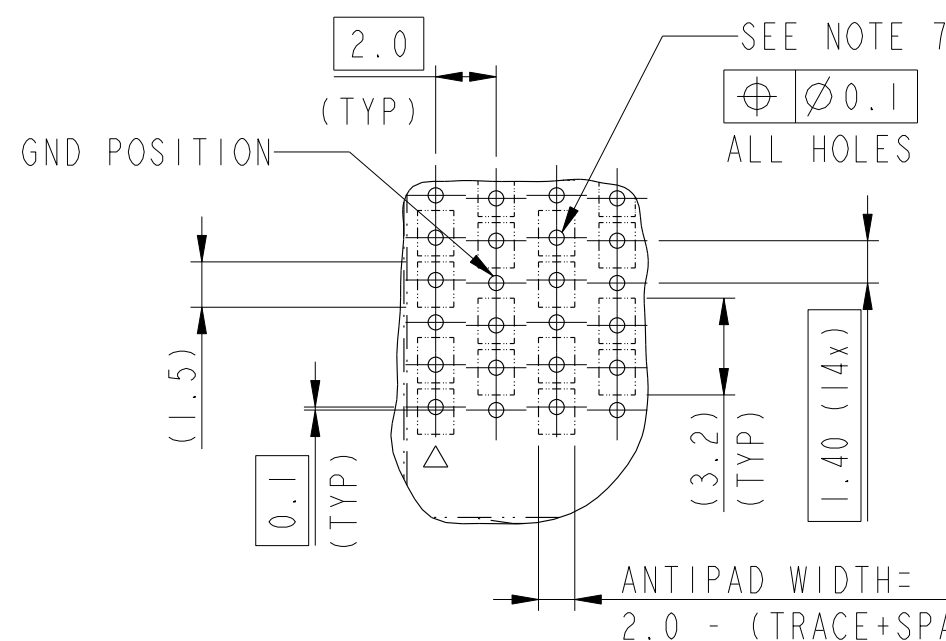
C

D

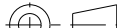




RECOMMENDED PCB LAYOUT FOR DIFFERENTIAL APPLICATIONS COMPONENT SIDE (TWO ADJECENT FOOTPRINTS SHOWN). SEE DETAIL A

PN \ dim	A	B	C
10055140-101ABCI(LF)	15.9	24.9	16
10055140-104ABCI(LF)	17.9	24.9	18
10055140-105ABCI(LF)	15.9	26.8	16
10055140-108ABCI(LF)	17.9	26.8	18



DETAIL A
SCALE 4:1

spec ref		RELEASE			dr	Matthew Cheong	2007/04/25	projection 	mm 	size	A3	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Roger Ng	2013/01/28			ecn no	ELX-S-13944-1		
ISO 406 ISO 1101					chr	-	-			rel level	Released		
					appr	Chen-Hong Tan	2013-01-30	product family					
TRACE TYPE ISO 1302		linear	0.X	±		title AirMax VS VERTICAL HEADER 5 pair, 120 pos, 2mm, 8 IMLA			dwg no	10055140		rev B	
			0.XX	±									
			0.XXX	±		www.fci.com				cat. no.			Product - Customer Drw

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10055140-1080011LF](#)