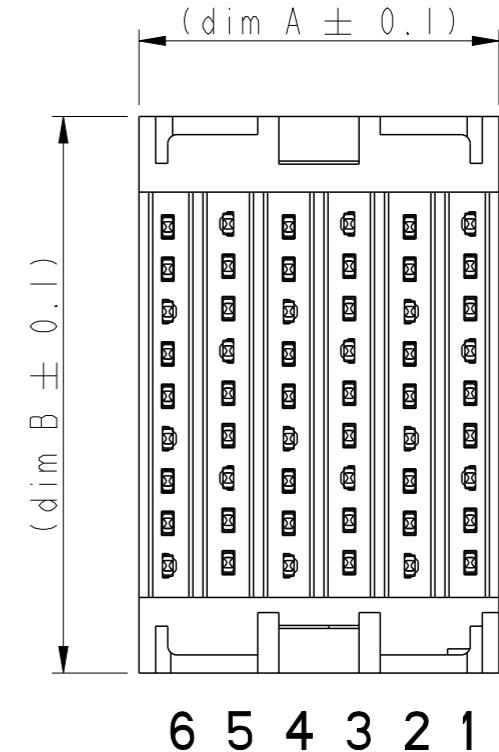
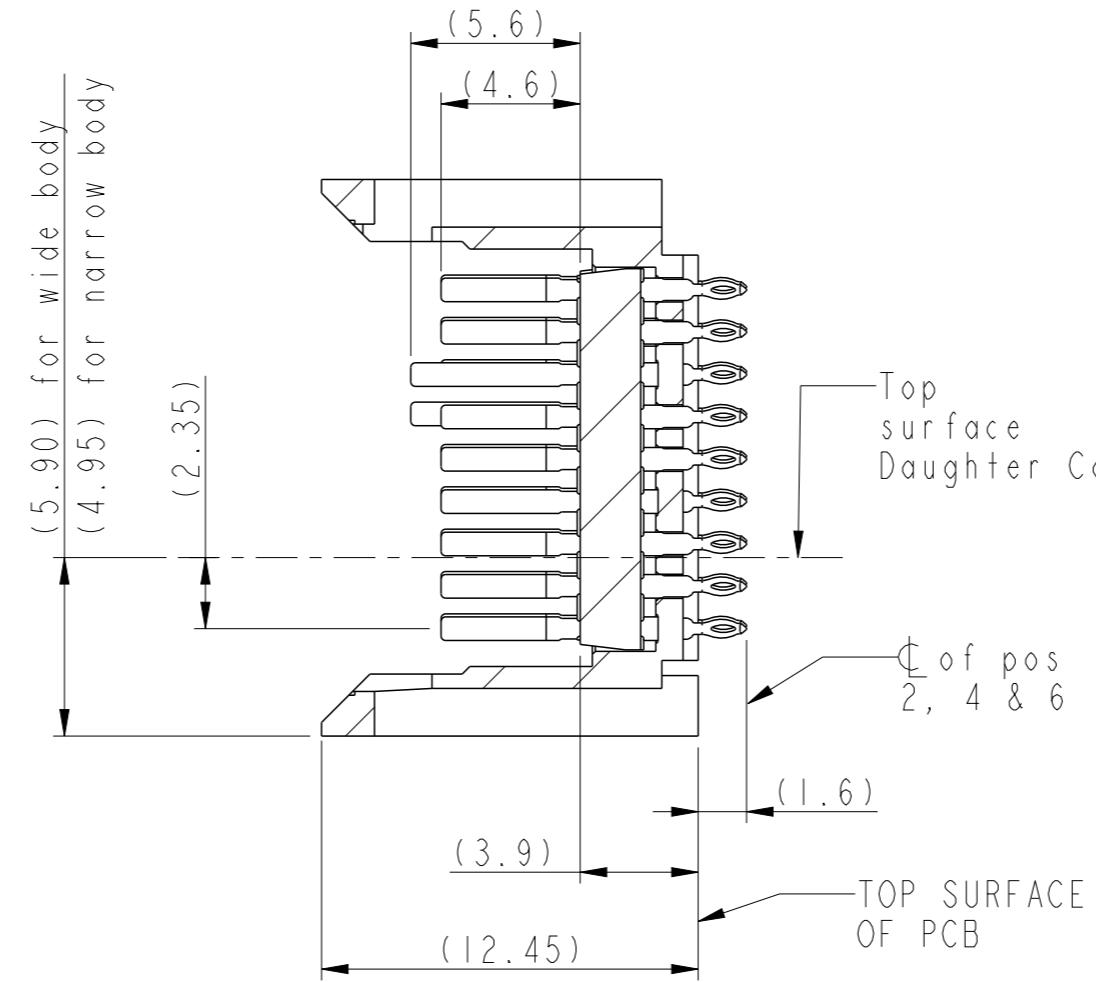
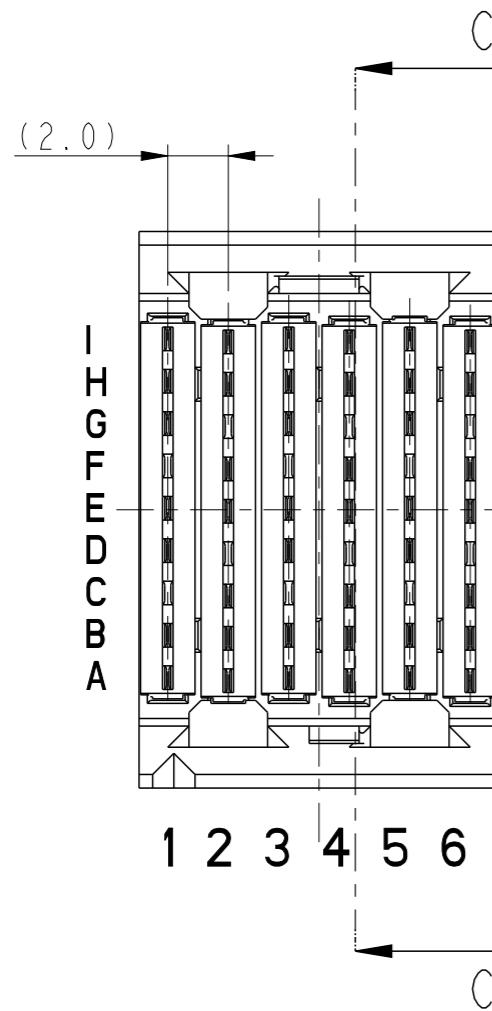


VIEWS WITHOUT PROTECTION COVER



For housing types and
dim A and B see sheet 4

Part number:
10056101-1YZABCILF

X = PLATING
I = 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

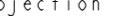
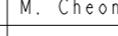
ABC = PINLAYOUT
001 = standard layout (no detect pin)
xxx = other versions see sheet 2

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

SECTION C - C

2 WALL WIDE BODY VERSION AS SHOWN

F

spec ref	RELEASE		dr	P.K.Ramesh	2005-09-23			size	A3	scale		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	ISO 406 ISO 1101	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			0.X	±				title	AirMax VS VERTICAL HEADER			
ISO 1302	angular	linear	0.XX	±				dwg no	10056101			
			0.XXX	±								
					cat. no.		-	Product - Customer Drw		sheet 1 of 5		
					www.fci.com							

A

* 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

B

A

C

B

Copyright FCI

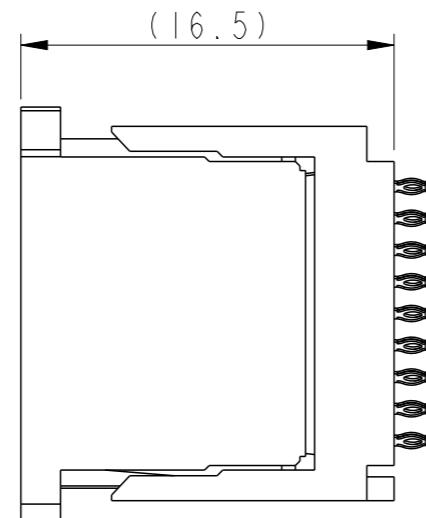
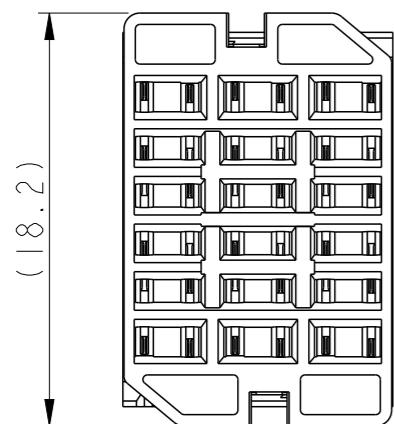
C

D

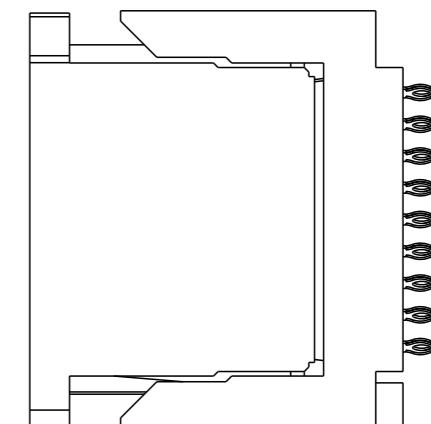
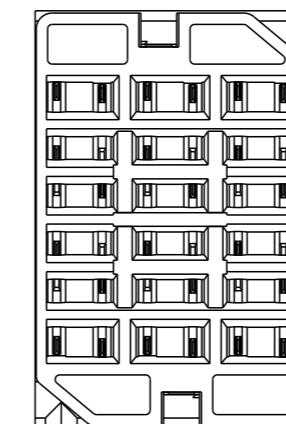
D

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

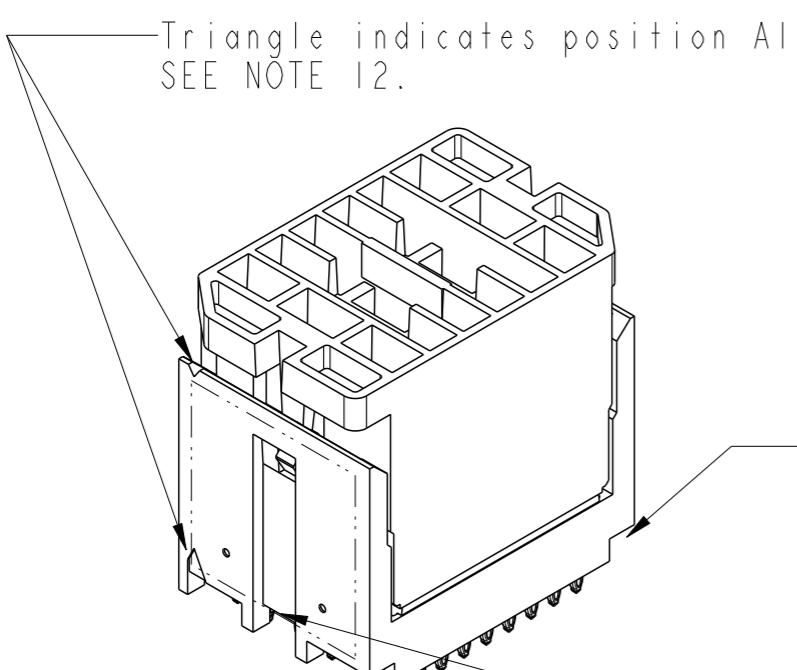
NARROW BODY



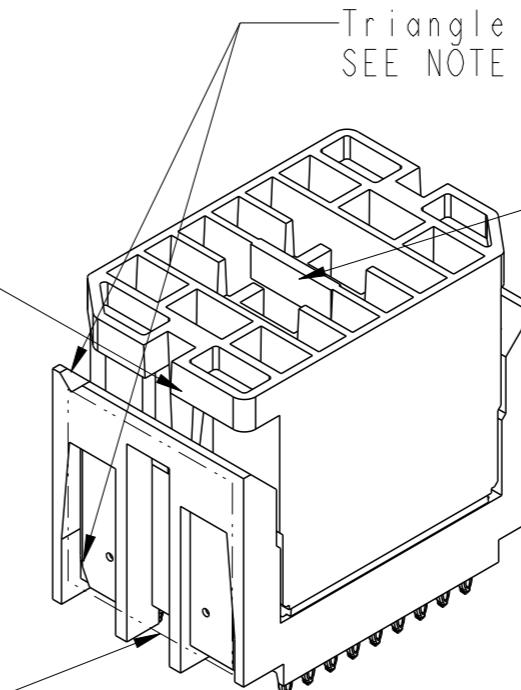
WIDE BODY



SCALE 3:1



SEE NOTE 13.

Cut-out at opposite side
of A1 indicator.
SEE NOTE 12.

SCALE 3:1

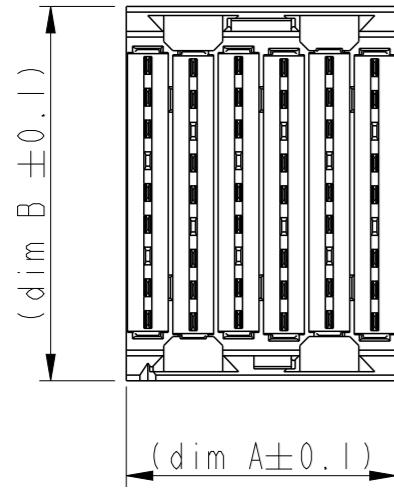
SEE NOTE 14.

NOTES & 12

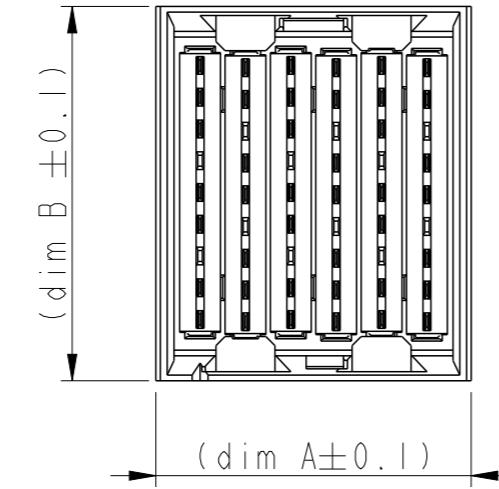
spec ref		RELEASE			dr	P.K.Ramesh	2005-09-23	projection	mm	size	scale	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Blieck	2005-09-23					
ISO 406 ISO 1101		surface ISO 1302	linear	0.X	±	chr	M. Cheong	2013-05-21	product family	AirMax VS	rel level	
			angular	0°	±°	appr	C H Tan	2013-05-21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

NARROW BODY

10056101 - X01ABC1

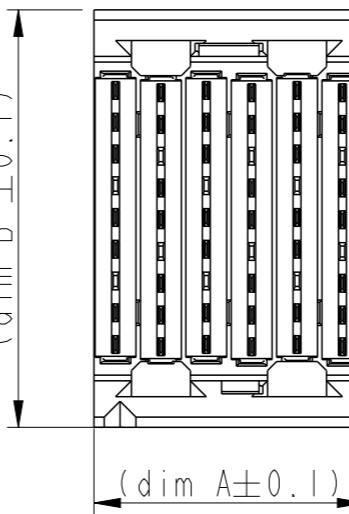


10056101 - X04ABC1

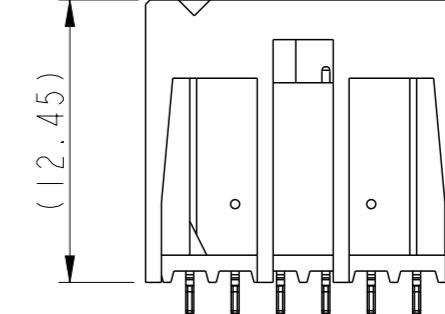
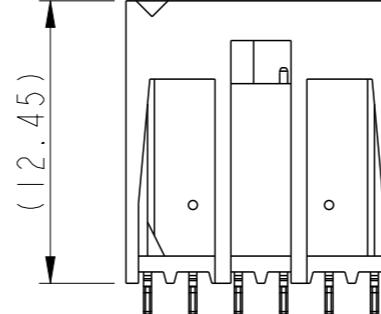
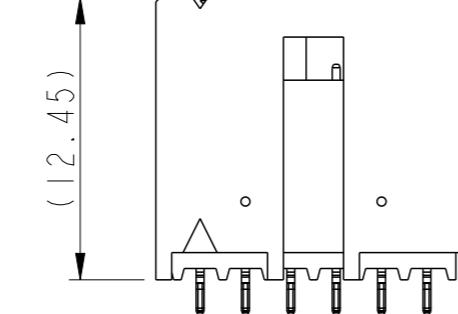
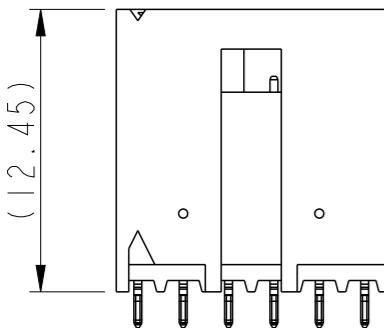
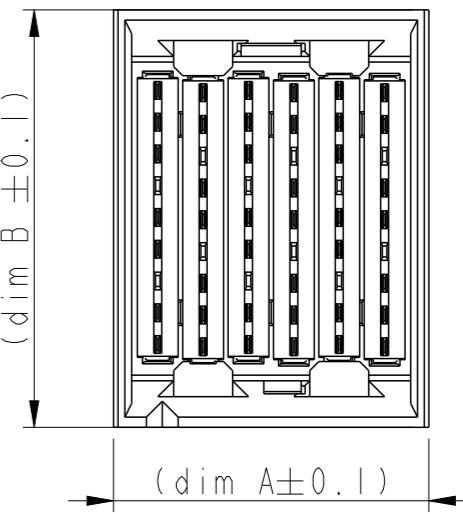


WIDE BODY

10056101 - X05ABC1



10056101 - X08ABC1



FCI

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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 tolerance std ISO 406 ISO 1101	RELEASE			dr	P.K.Ramesh	2005-09-23	projection	mm	size	scale
	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	R.de Bieck	2005-09-23				
surface ✓	linear	0.X	±	chr	M. Cheong	2013-05-21			A3	3:1
		0.XX	±	appr	C H Tan	2013-05-21	product family	AirMax VS	ecn no	ELX-S-14797
		0.XXX	±						rel level	Released
ISO 1302	angular	0°	±°						dwg no	10056101
									rev	F



AirMax VS VERTICAL HEADER
3 pair, 54 pos, 2mm, 6 IMLA

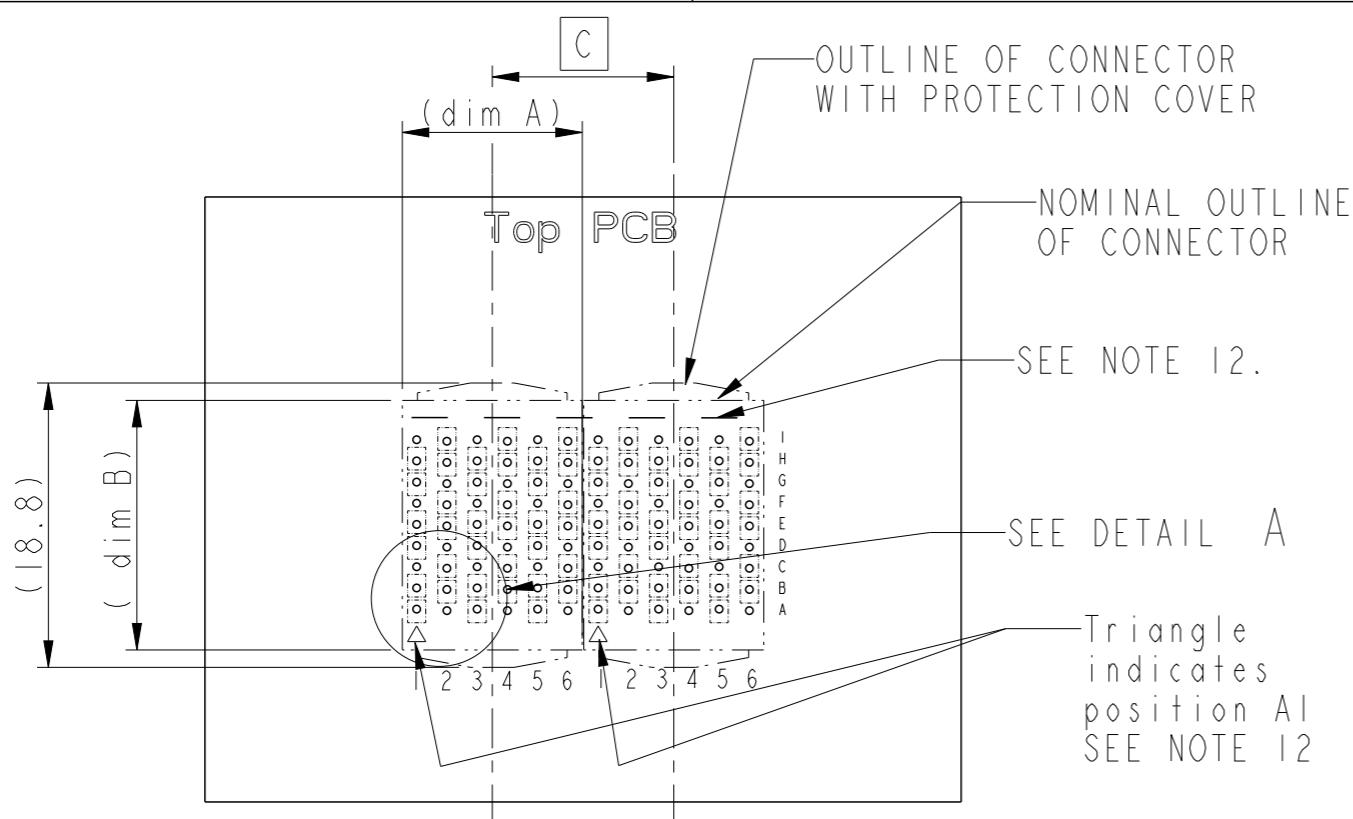
www.fci.com

cat. no.

-

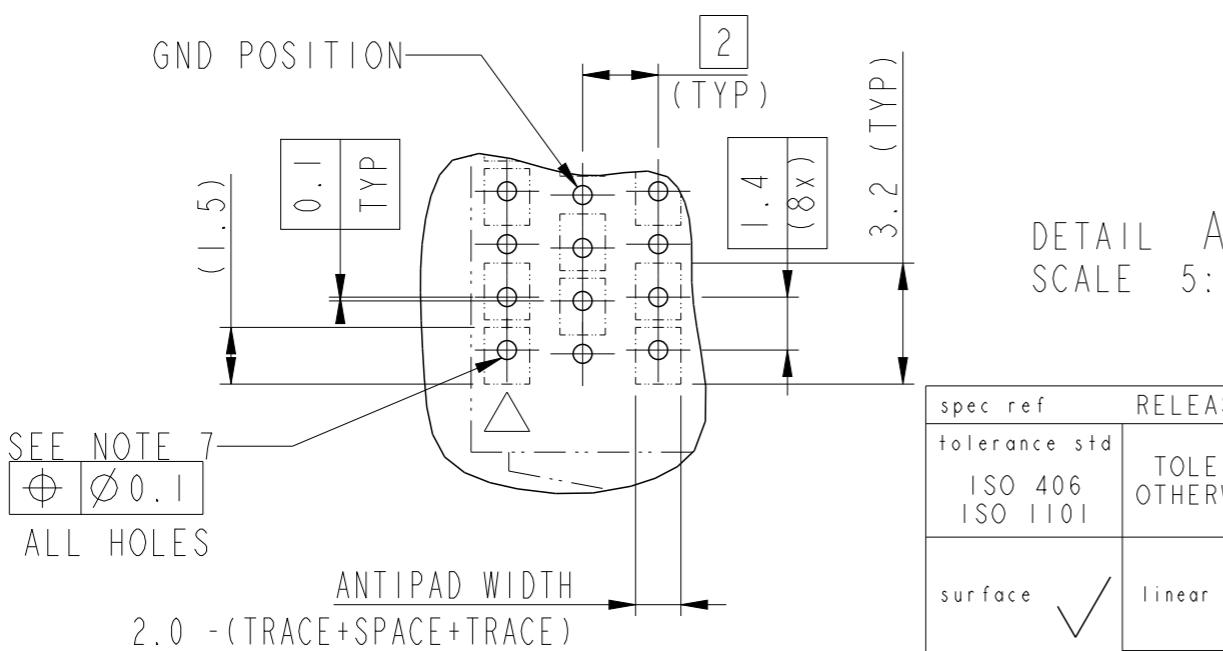
Product - Customer Drw

sheet 4 of 5



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

PN / dim	A	B	C
10056101-X01ABC1(LF)	11.9	16.5	12
10056101-X04ABC1(LF)	13.9	16.5	14
10056101-X05ABC1(LF)	11.9	18.4	12
10056101-X08ABC1(LF)	13.9	18.4	14



NOTES:

1. 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
2. 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)
3. PRODUCT SPECIFICATION: GS-12-239.
4. APPLICATION SPECIFICATION: GS-20-035. FLATROCK INSERTION INTO PCB BY PUSHING ON TOP OF SURFACE PROTECTION COVER
5. PRODUCT MARKING, (PARTNUMBER & LOTCODE).
6. PROTECTION COVER MUST BE REMOVED BEFORE MATING WITH RECEPTACLE CONNECTOR
7. SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS.
8. LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVE & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. THE HOUSING SHOULD WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
10. PACKAGE PER GS-14-1086 AND GS-14-920 LEAD FREE LABELING SPEC.
11. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
12. 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)
13. GRIPPING FEATURE TO REMOVE PROTECTION COVER BY FINGERS.
14. GRIPPING FEATURE TO REMOVE PROTECTION COVER BY STANDARD PLIERS.
15. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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