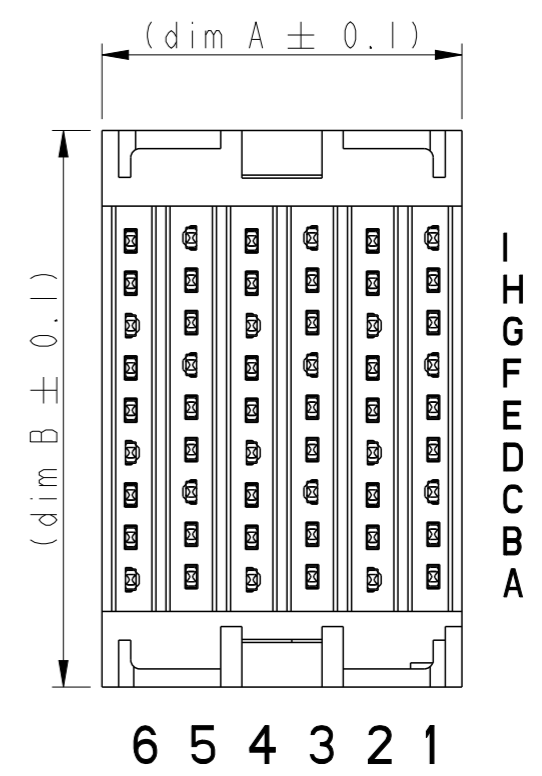
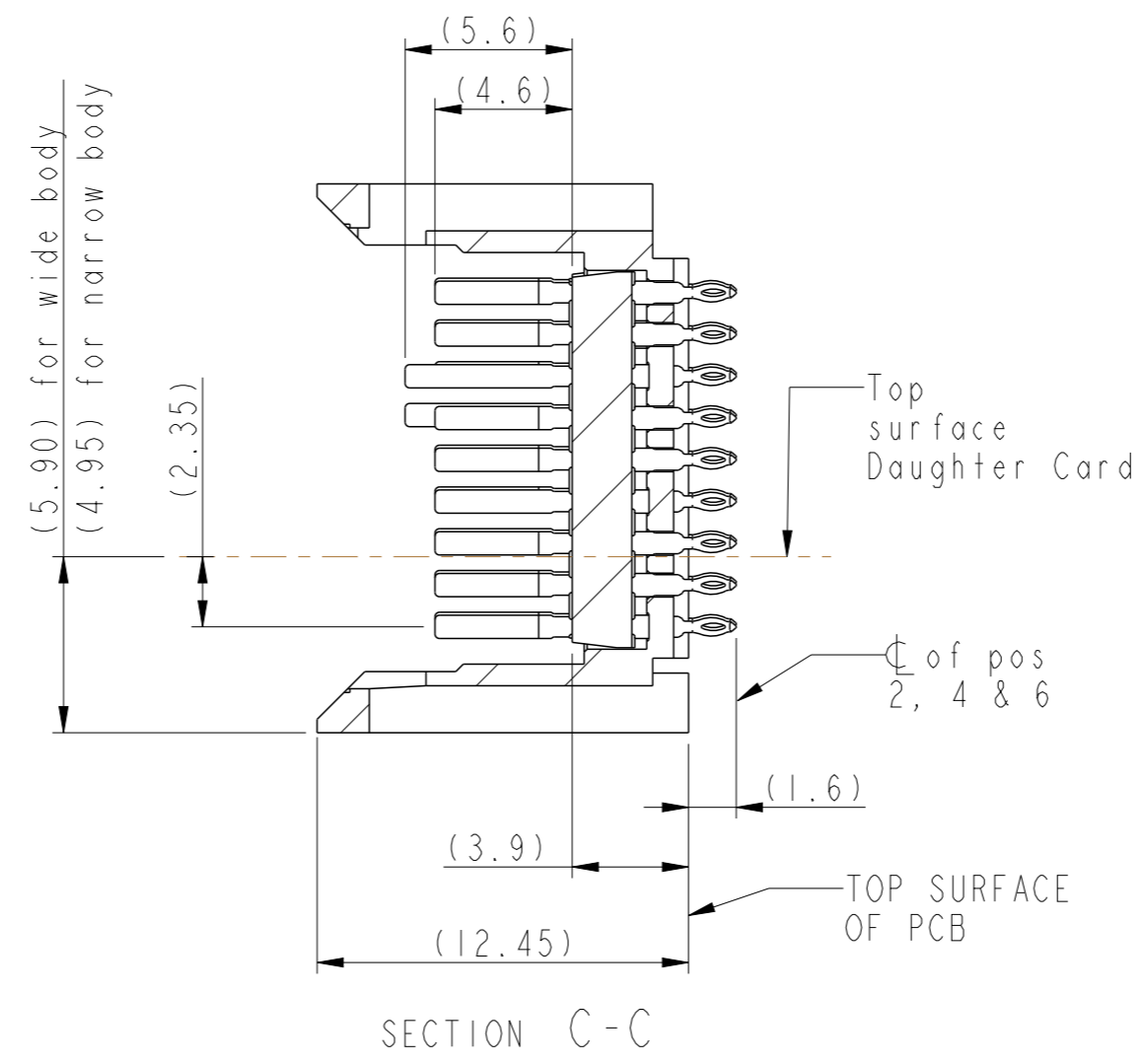
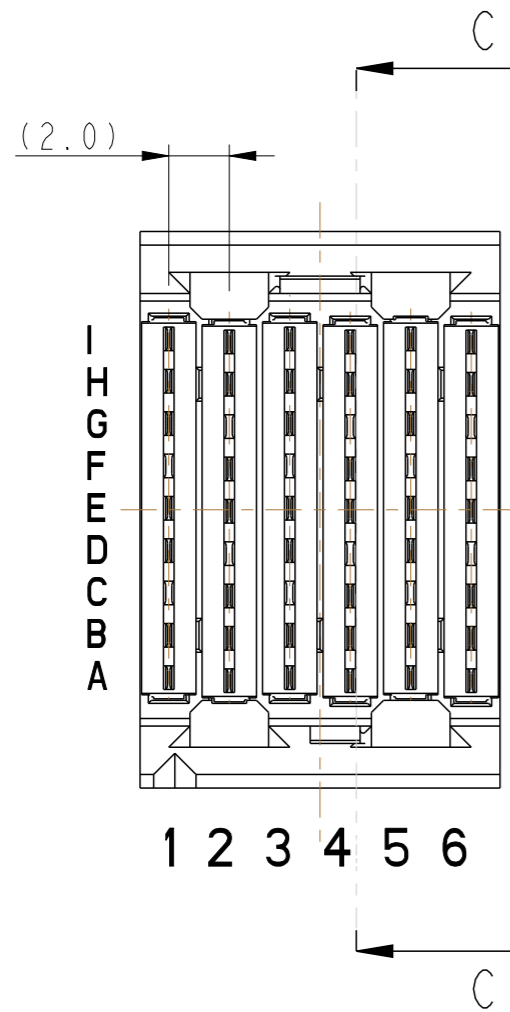


VIEWS WITHOUT PROTECTION COVER



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

PRELIMINARY

2 WALL WIDE BODY VERSION AS SHOWN

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A3	Scale 1:1
Dr	Matthew Cheong	2006/08/14	ANGULAR	0.X ±	Product family AirMax VS Spec re: Released
Eng	Matthew Cheong	2010/09/22	LINEAR	0.XX ±	
Chr	-	-	0° ±°	0.XXX ±	
Appr	-	-	Product family AirMax VS		ECN ELX-S-001612-1
FCi		AirMax VS VERTICAL HEADER		dwg no 10056101	Rev. E
		3 Pair, 54 pos, 2mm, 6 IMLA		CUSTOMER	sheet 1 of 5
		catalog no			

rev	ecn no	dr	date
A	H06-0057	EDB	2006-04-10
B	H06-0109	EDB	2006-06-23
C	S06-0370	MCH	2006-11-07
D	S07-0213	MCH	2006-06-20
E	S10-0149	MCH	2010-07-21
-	-	-	-
-	-	-	-

* 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

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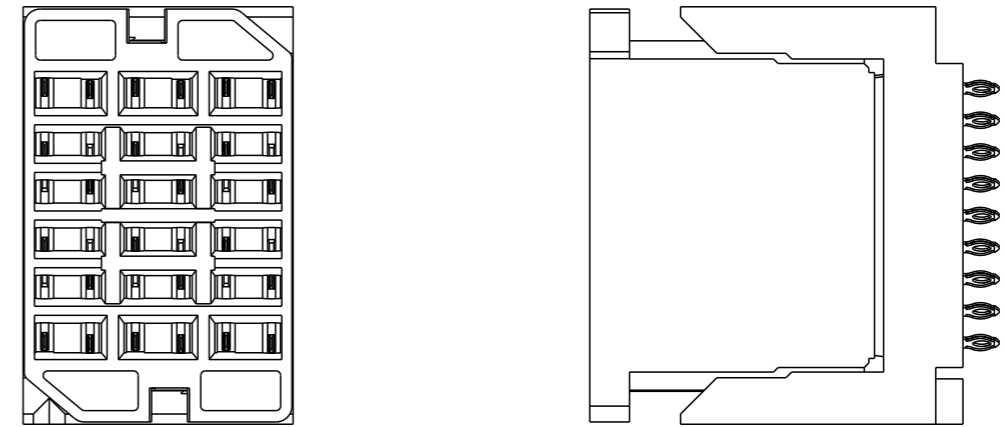
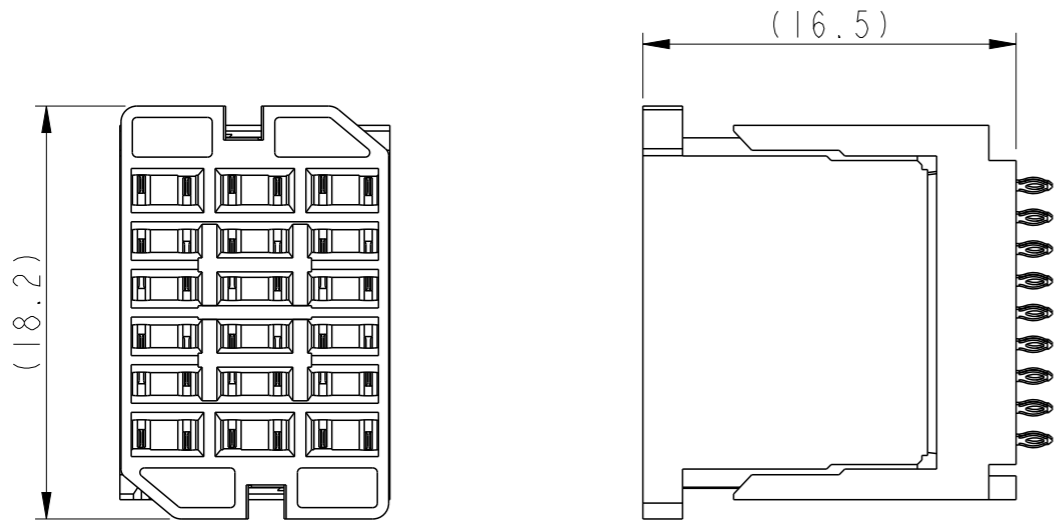
	title AirMax VS VERTICAL HEADER 3 Pair, 54 pos, 2mm, 6 IMLA	dwg no 10056101	Rev. E
	catalog no -	CUSTOMER	sheet 2 of 5



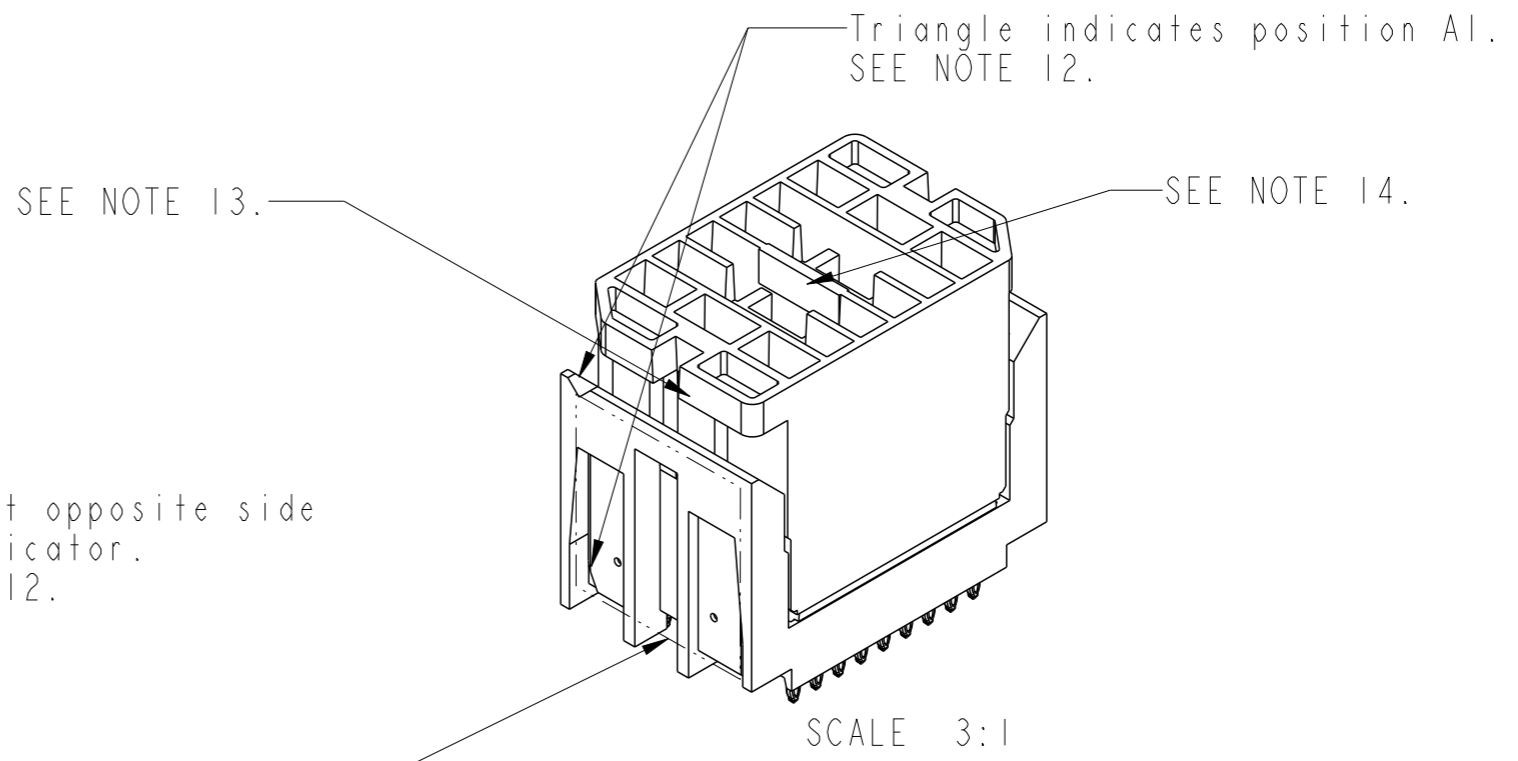
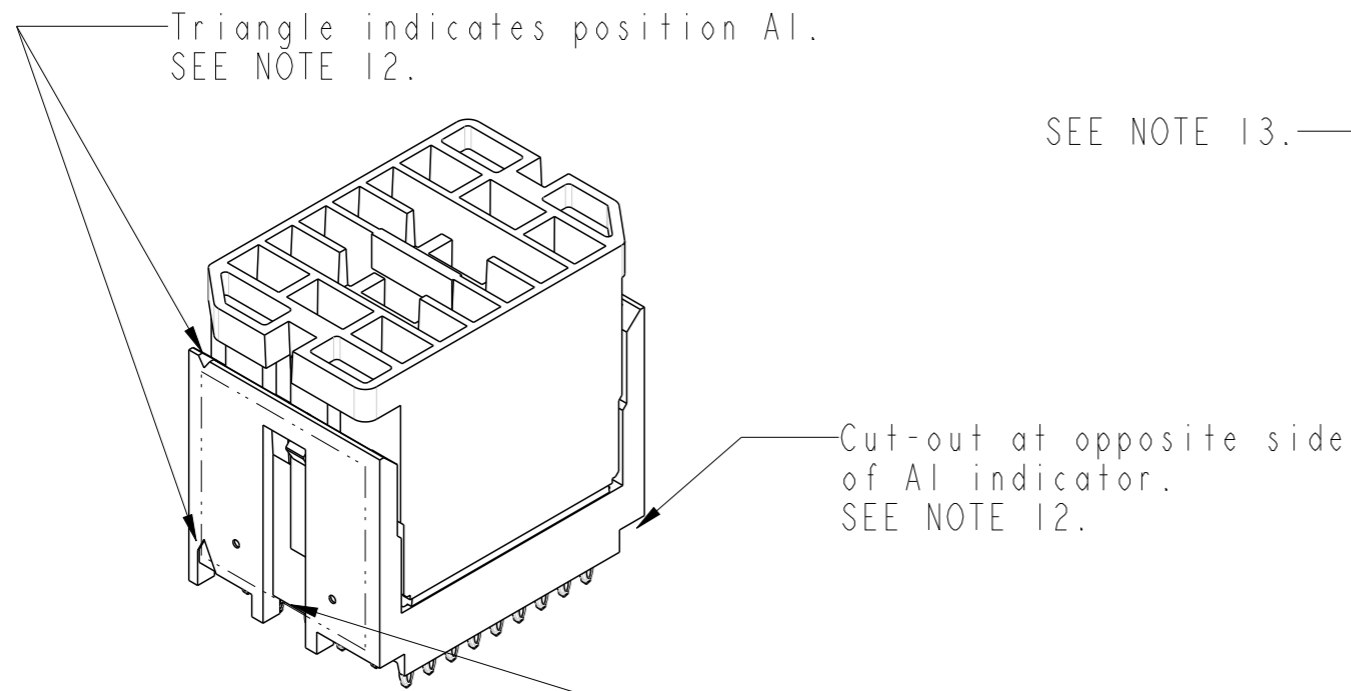
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NARROW BODY

WIDE BODY



SCALE 3:1



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	title	AirMax VS VERTICAL HEADER	Rev.
		3 Pair, 54 pos, 2mm, 6 IMLA	E
	catalog no	-	
		CUSTOMER	sheet 3 of 5

NARROW BODY

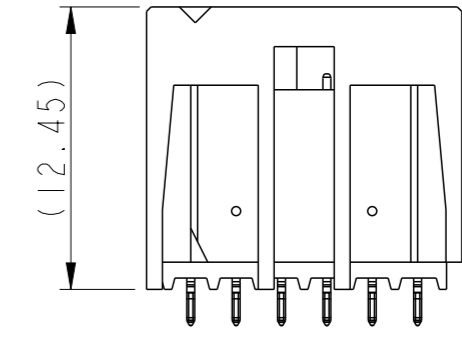
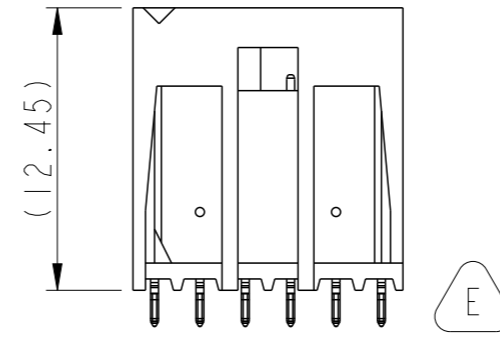
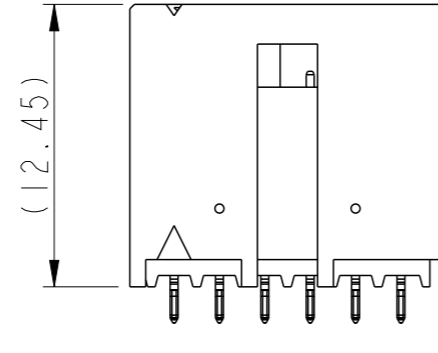
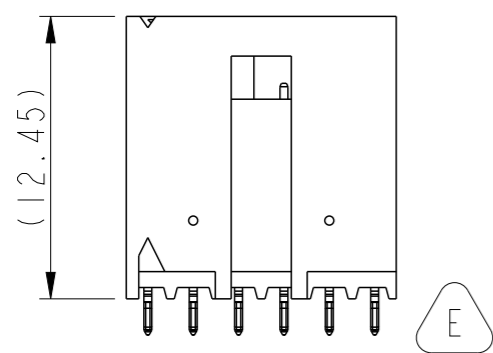
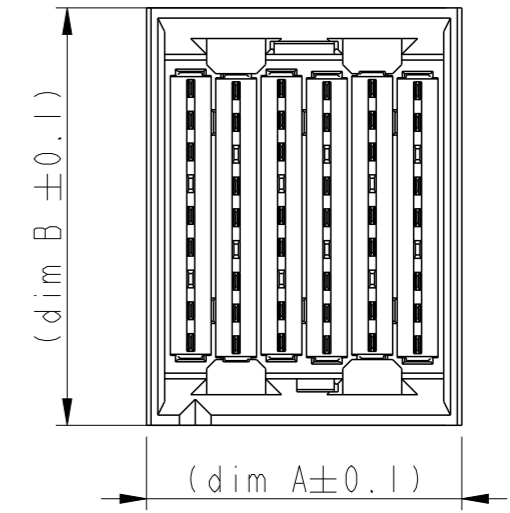
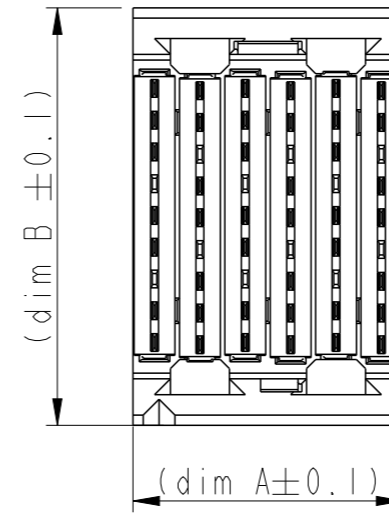
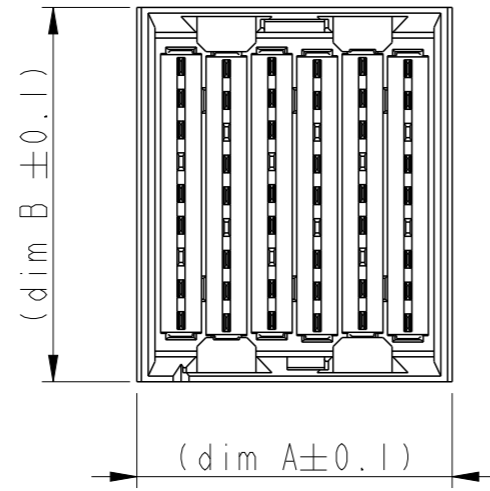
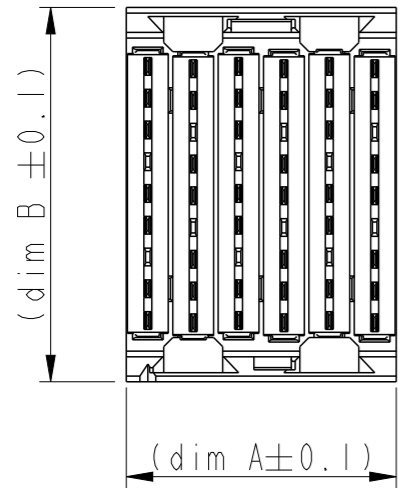
WIDE BODY

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

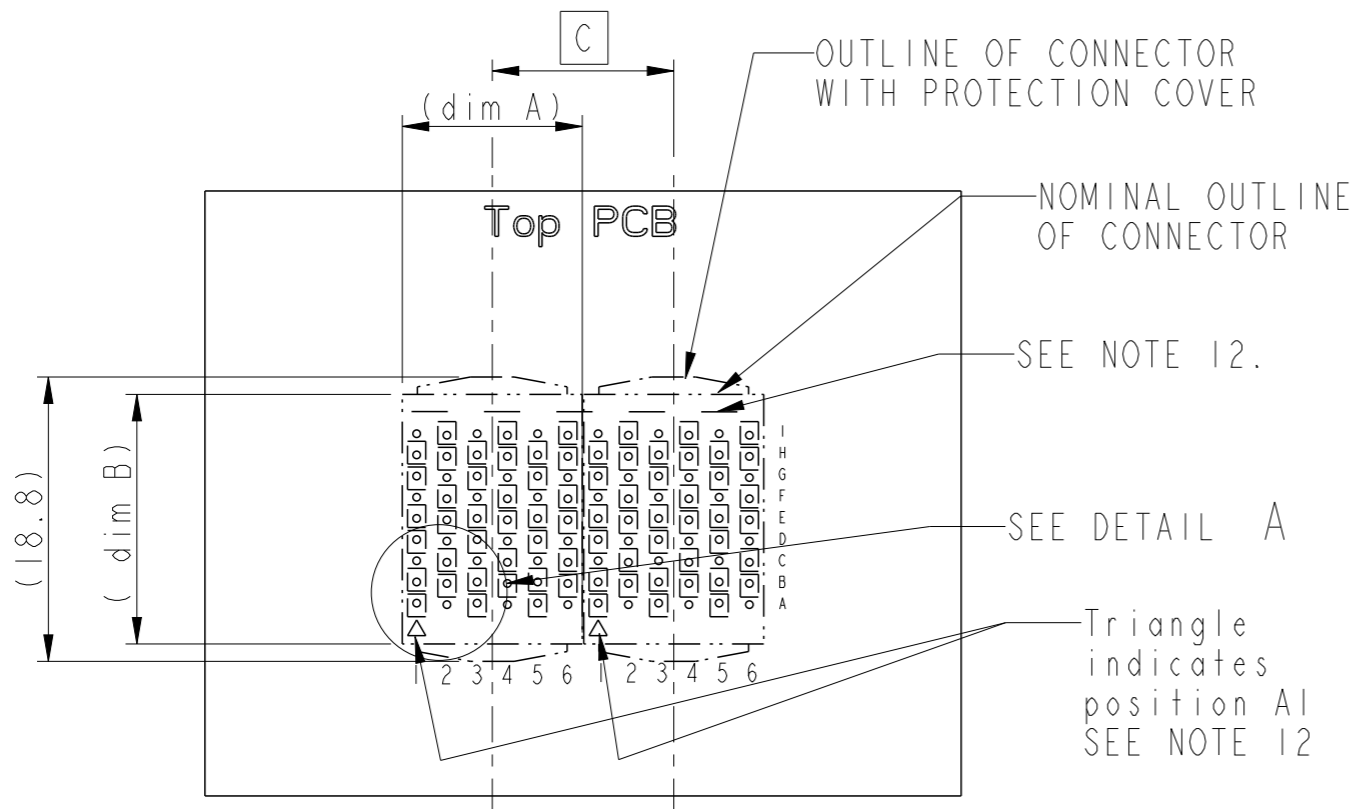
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ELX-S-001612-1

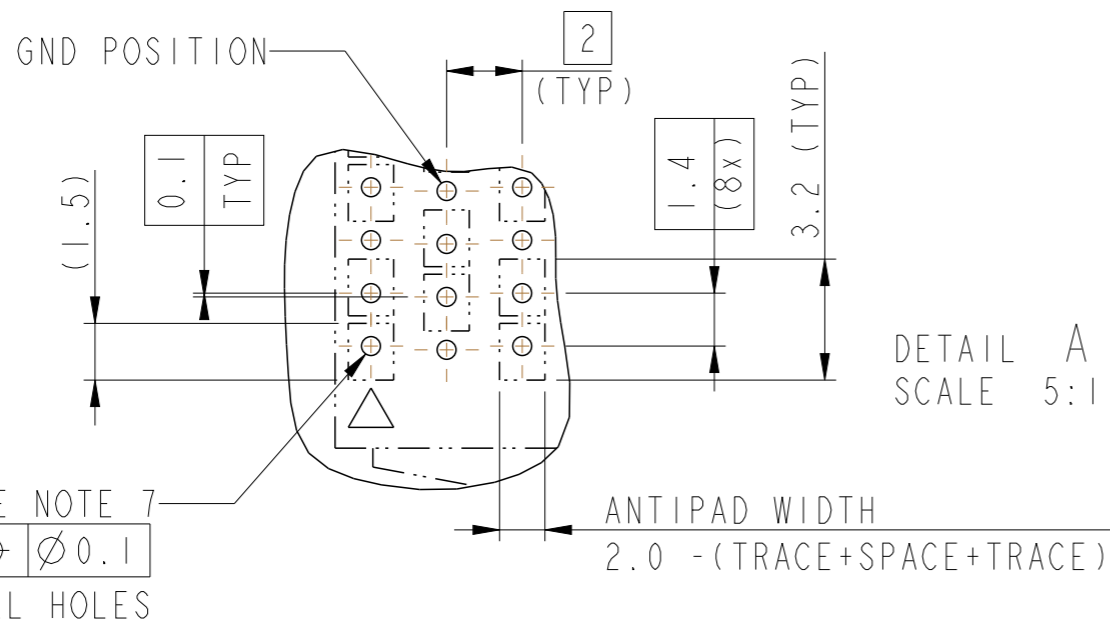
Released

	title AirMax VS VERTICAL HEADER 3 Pair, 54 pos, 2mm, 6 IMLA	Rev. E
	catalog no -	dwg no 10056101 CUSTOMER sheet 4 of 5



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 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 SYM Modified Matthew Cheong } 2006/08/14 ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN AWING REVISION.
Matthew Cheong } 2010/09/22

	AirMax VS VERTICAL HEADER 3 Pair, 54 pos, 2mm, 6 IMLA	dwg no 10056101	Rev. E
	catalog no -	CUSTOMER	sheet 5 of 5