

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)
10056098-XYZ0011(LF)	L1,M2,L3,M4,L5,M6,L7,M8,L9,M10 F1,G2,F3,G4,F5,G6,F7,G8,F9,G10	-	all other positions
10056098-XYZ0031(LF)	L1,M2,L3,M4,L5,M6,L7,M8,L9,M10 F1,G2,F3,G4,F5,G6,F7,G8,F9,G10	H5	all other positions

C

C

D

D

FCI
Copyright FCI.



AirMax VS VERTICAL HEADER 5pair, 150Pos, 2mm, 10IMLA		dwg no 10056098	Rev. E
catalog no	-	CUSTOMER	sheet 2 of 5

1

2

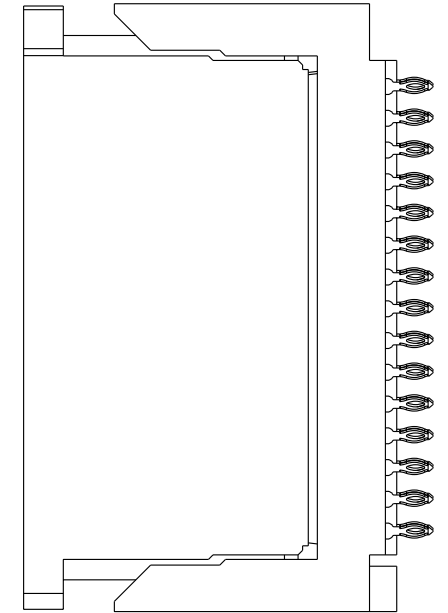
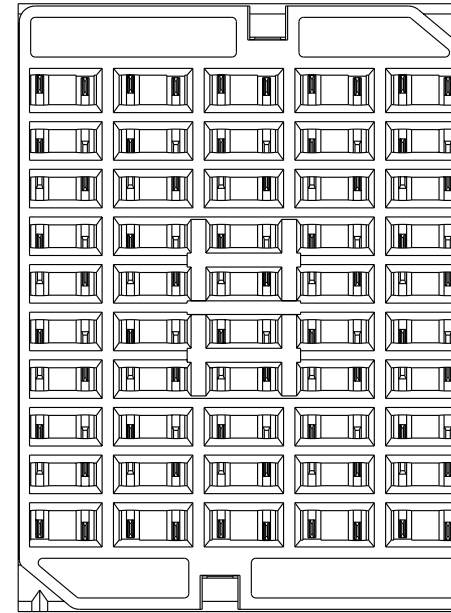
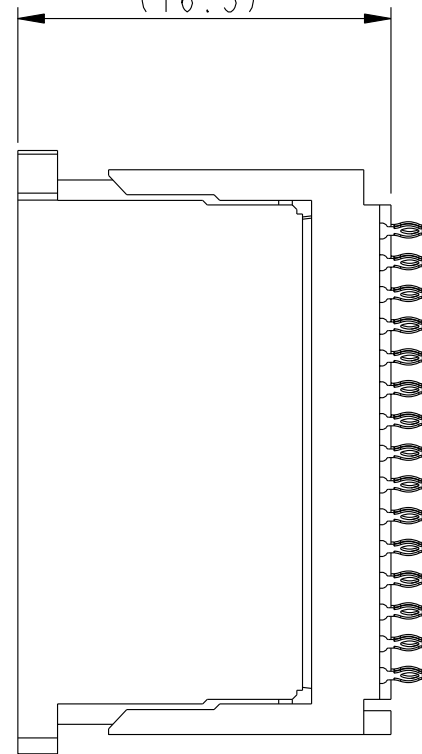
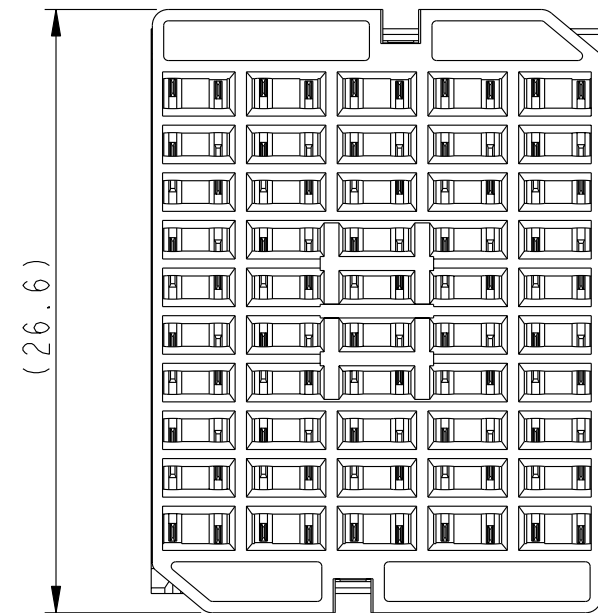
3

4

NARROW BODY

(16.5)

WIDE BODY



Triangle indicates position A1.
SEE NOTE 12.

Triangle indicates position A1.
SEE NOTE 12.

SEE NOTE 14

CUT-OUT SIDE AT
OPPOSITE SIDE OF
A1 INDICATOR.

SEE NOTE 13

NOTE 5 & 12.



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1

2

3

4

NARROW BODY

WIDE BODY

10056098-X01ABC I

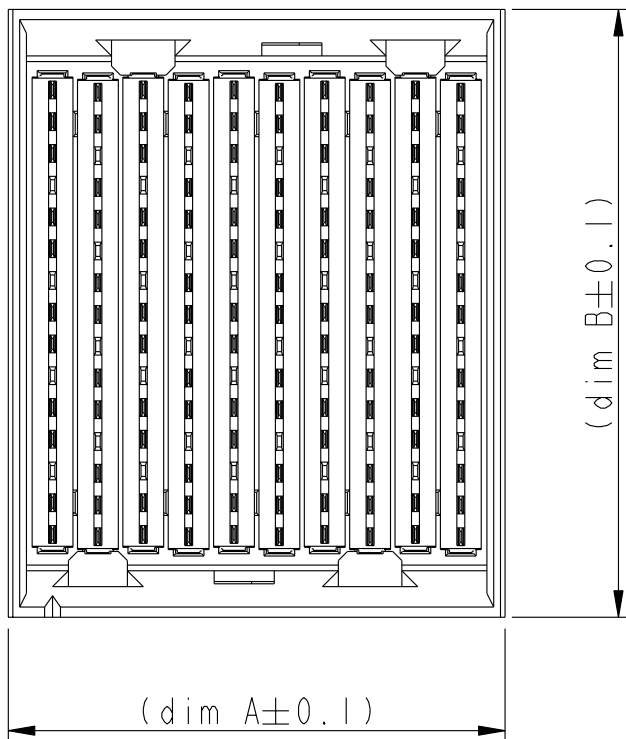
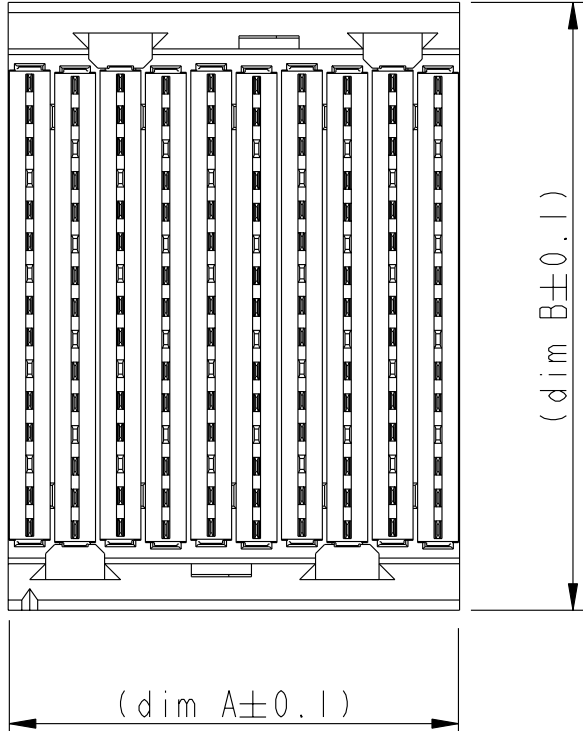
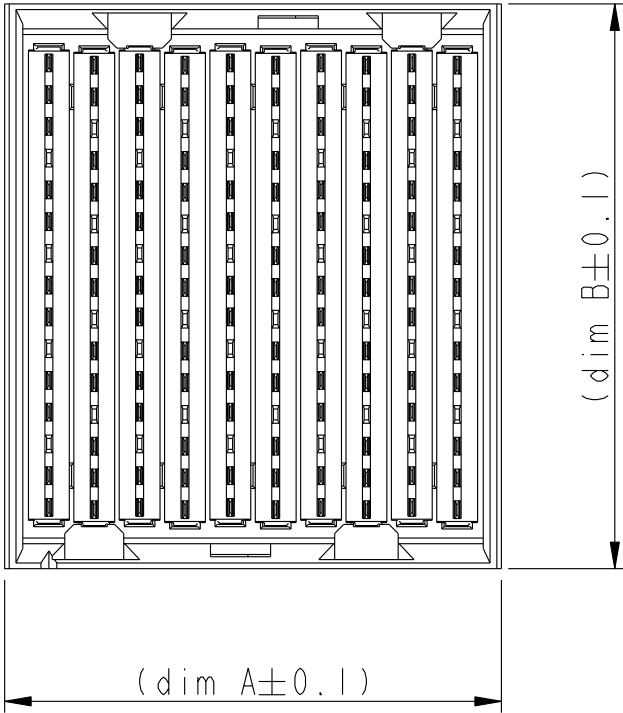
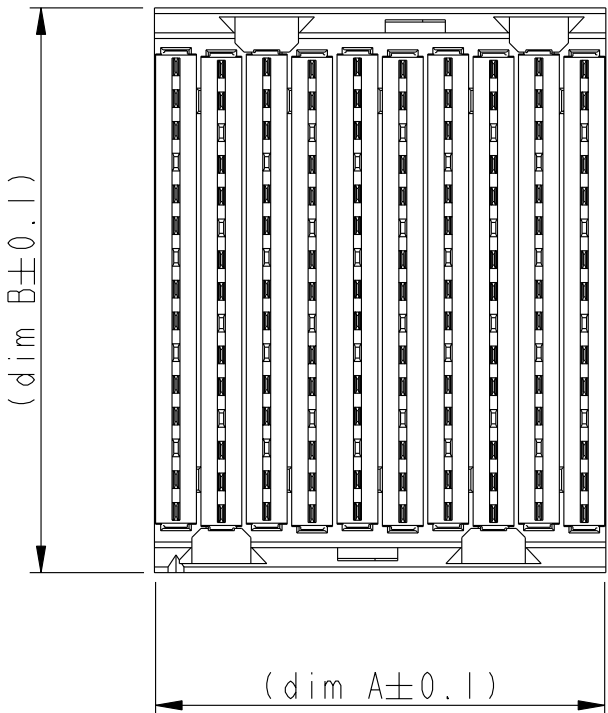
10056098-X04ABC I

10056098-X05ABC I

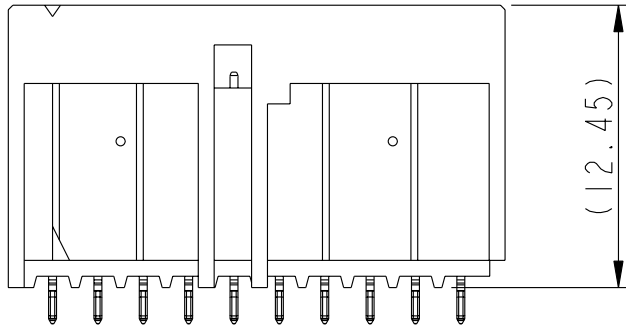
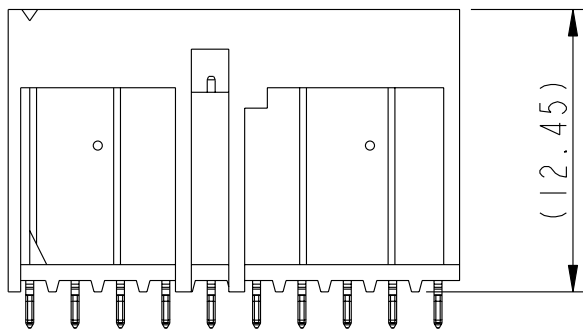
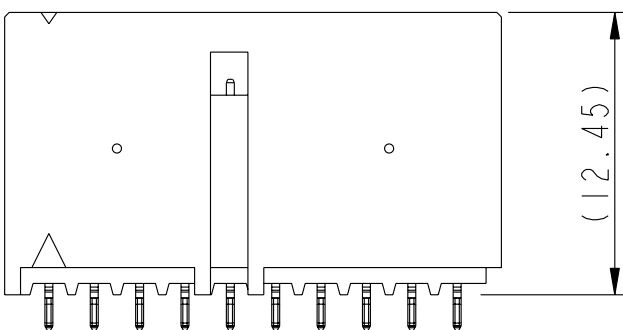
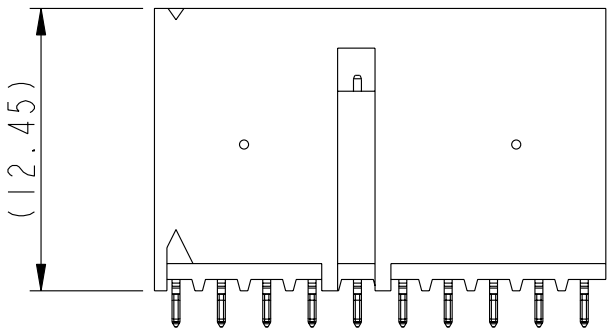
10056098-X08ABC I

A

B



C



A

B

C

D

PN / dim	A	B
10056098-X01ABC I(LF)	19.9	24.9
10056098-X04ABC I(LF)	21.9	24.9
10056098-X05ABC I(LF)	19.9	26.8
10056098-X08ABC I(LF)	21.9	26.8



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1

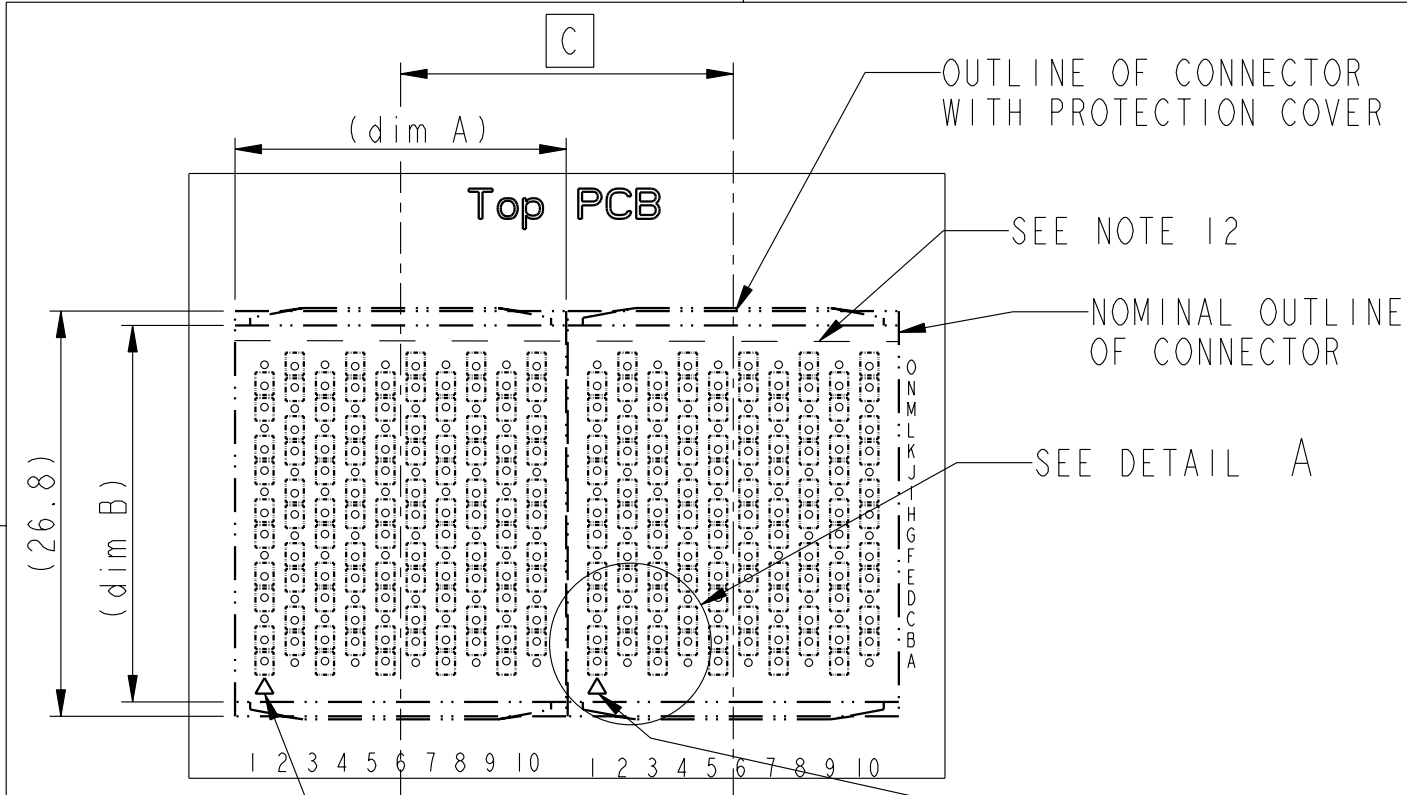
2

3

PDM: Rev:E

STATUS:Released

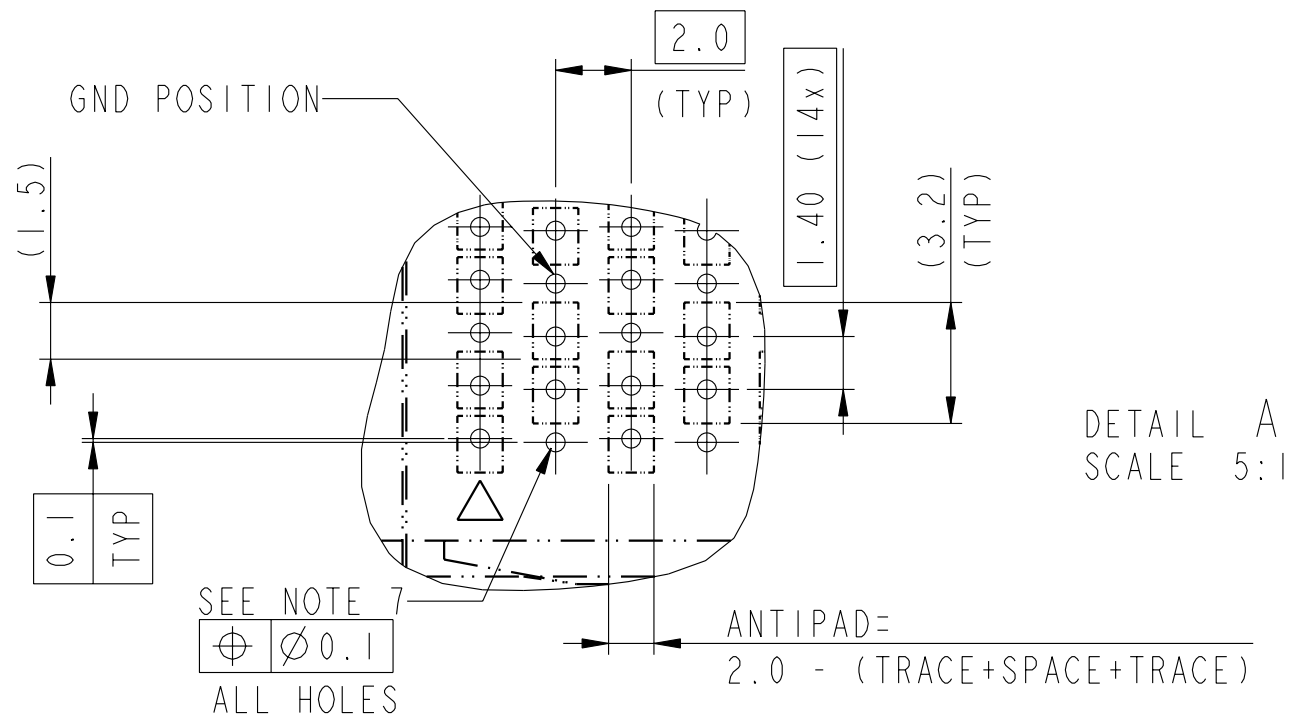
Printed: Dec 01, 2010



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

Triangle indicates position A1 SEE NOTE 12

PN \ dim	A	B	C
10056098-X01ABCI(LF)	19.9	24.9	20
10056098-X04ABCI(LF)	21.9	24.9	22
10056098-X05ABCI(LF)	19.9	26.8	20
10056098-X08ABCI(LF)	21.9	26.8	22



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.

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			5pair, 150Pos, 2mm, 10IMLA					E
	catalog no		-		CUSTOMER		sheet 5 of 5	