

A

B

C

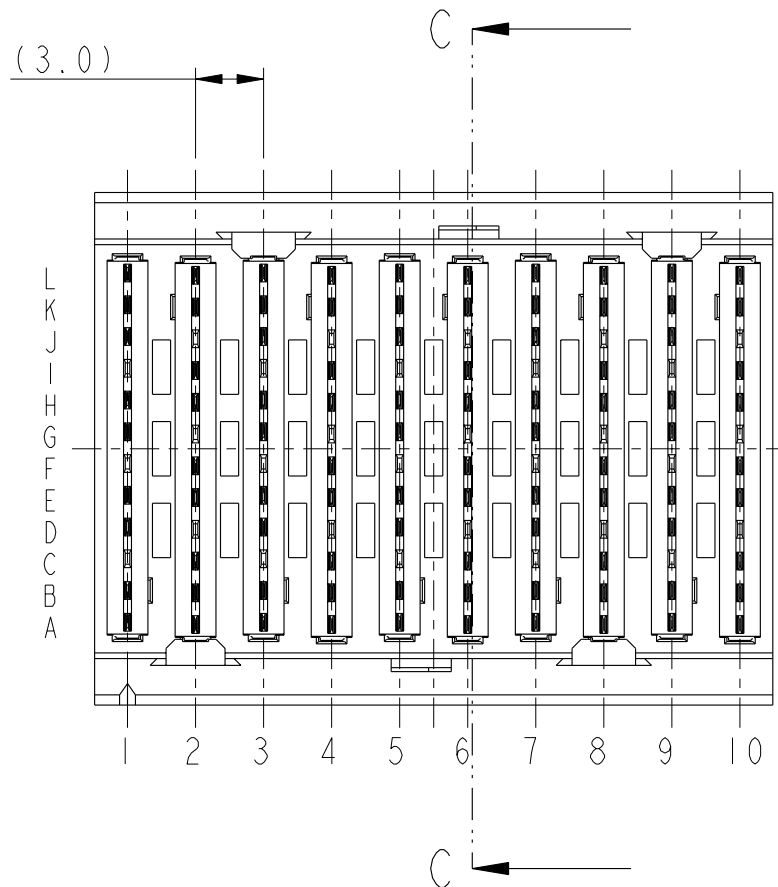
D

2

3

4

VIEW WITHOUT
PROTECTION COVER



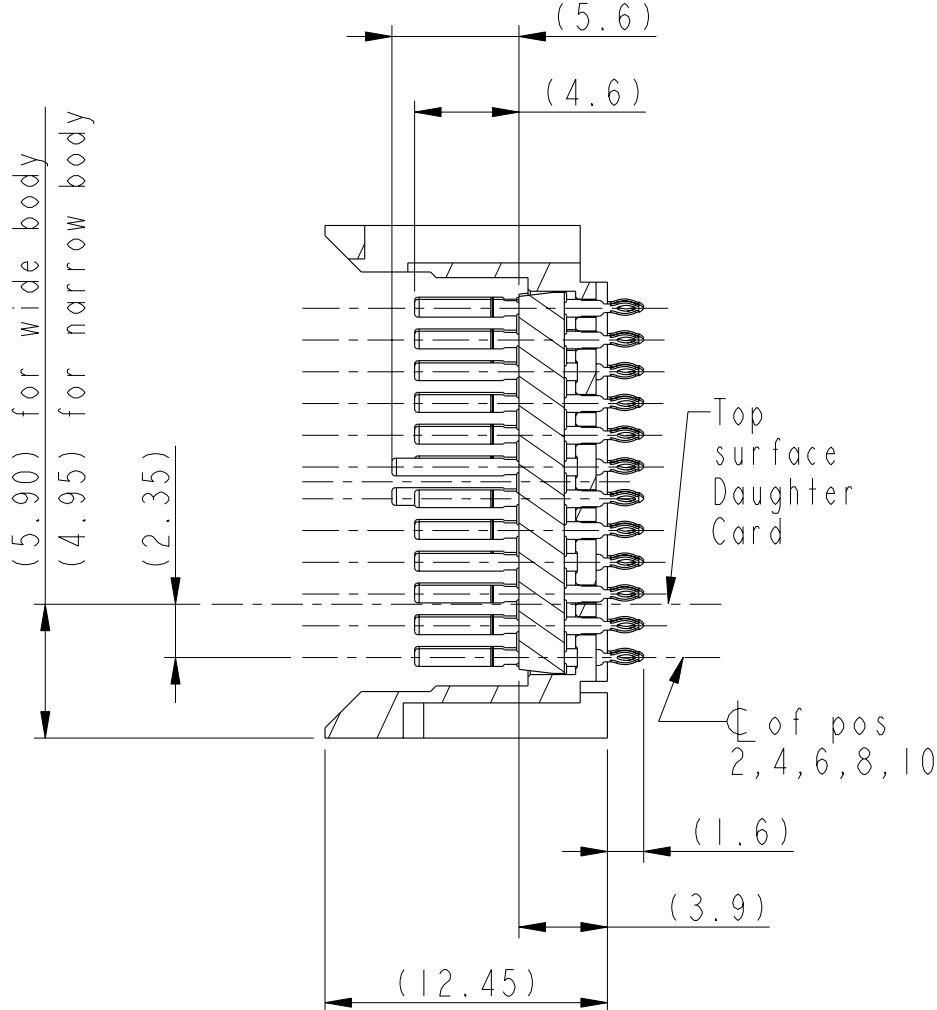
Partnumber :
10056430-1YZABCILF

X = PLATING
I = TELCORDIA CO (see note 2 sheet 5)

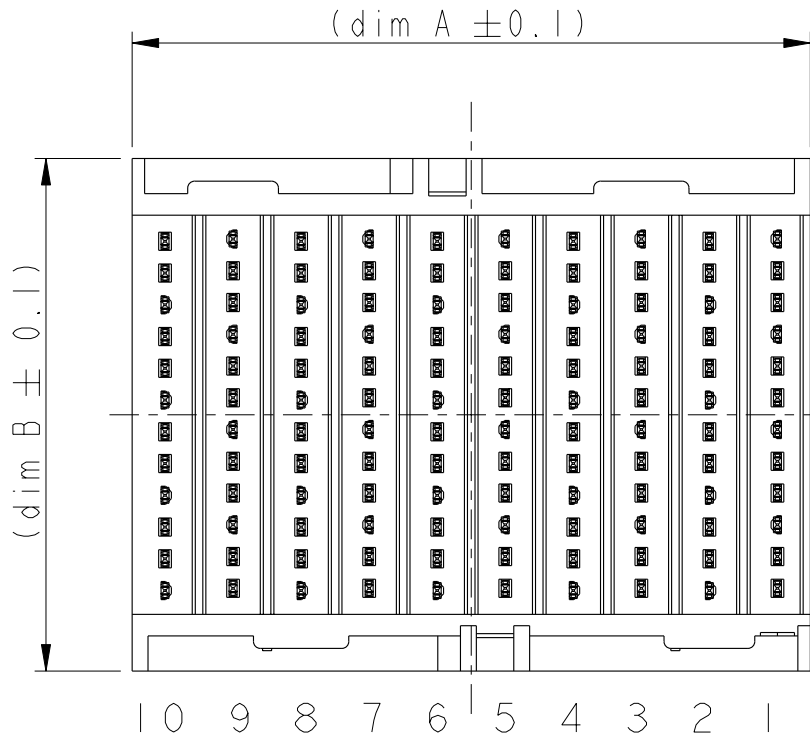
YZ = HOUSING TYPE
01 = 2 wall narrow body
04 = 4 wall narrow body
05 = 2 wall wide body (STANDARD VERSION)
08 = 4 wall wide body

ABC = PIN LAYOUT
001 = standard layout (no detect pin)
xxx = other version 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



For housing types and
dim A and B see sheet 4.

2 WALL WIDE BODY VERSION AS SHOWN

rev	ecn no	dr	date
A	S07-0003	MCH	2007-01-11
B	S08-0039	MCH	2007-02-15
C	S08-0292	MCH	2008-09-08
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	M. Cheong	2007-01-11	ANGULAR		LINEAR		0.X		±		size A3	Scale 3:1
Eng	M. Cheong	2007-01-11					0.XX		±			
Chr	M. Cheong	2008-09-08	0°	±°			0.XXX		±		ECN	S08-0292
Appr	Joey Ng	2008-09-08	Product family AirMax VS					Spec ref RELEASE				
		title AirMax VS VERTICAL HEADER					dwg no 10056430					Rev. C
		4 pair, 120pos, 3mm, 10 IMLA										
		catalog no					CUSTOMER			sheet 1 of 5		



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* Dectection pin of 3.9mm on standard positions H5.
For other detection pin option, please consult FCI.

Partnumber \ Pin layout	5.6mm Long pins (Typ Gnd)	3.9mm * Short pins (Typ Detect)	4.6mm Other pins (Typ Sign)
10056430-1YZ0011(LF)	F1, F3, F5, F7, F9 G2, G4, G6, G8, G10	---	all other positions
10056430-1YZ0031(LF)	F1, F3, F5, F7, F9 G2, G4, G6, G8, G10	H5	all other positions



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catalog no

dwg no

10056430

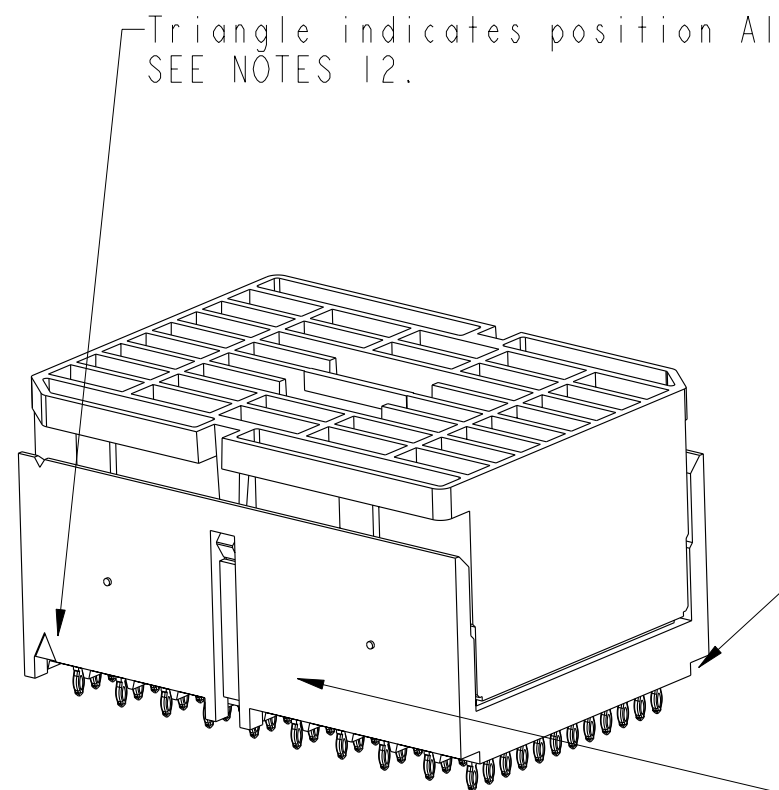
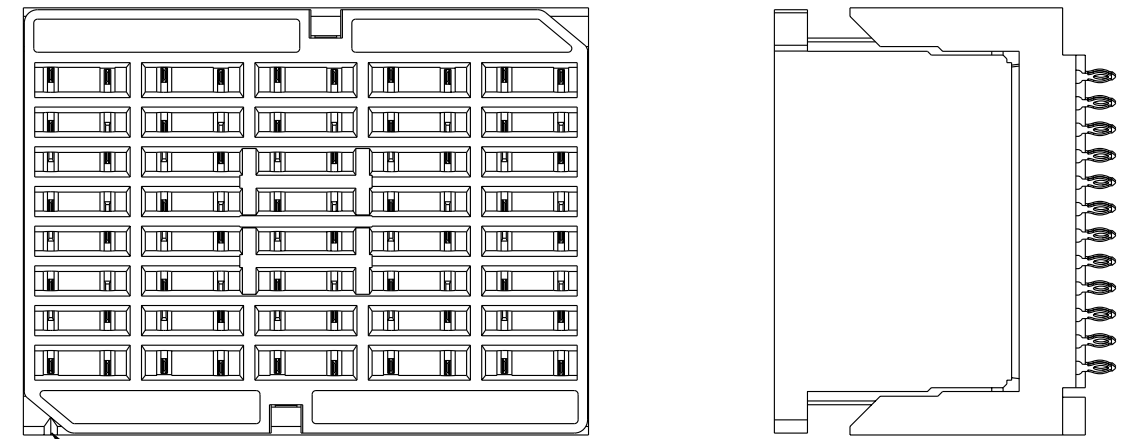
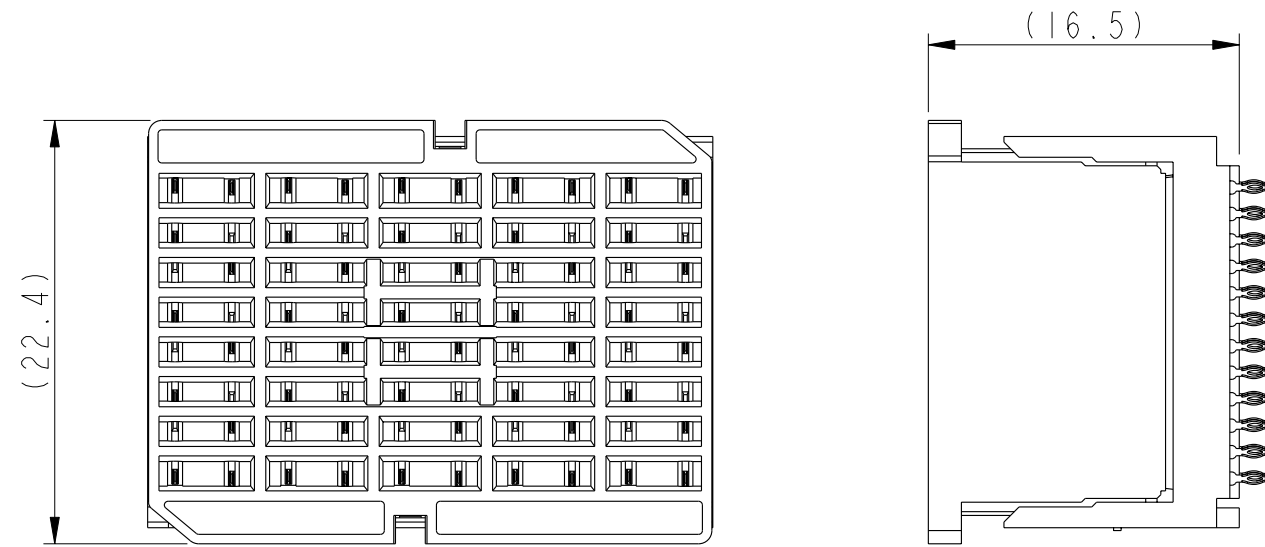
Rev.
C

CUSTOMER

sheet 2 of 5

NARROW BODY

WIDE BODY



cut-out indicates opposite side of A1 indicator.
SEE NOTES 12.

NOTE 5 & 12.

Triangle indicates position A1.
SEE NOTES 12.

SEE NOTE 14.

SEE NOTE 13.



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4 pair, 120pos, 3mm, 10 IMLA
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dwg no	10056430	Rev.	C
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PDM: Rev:C

STATUS: Released

Printed: Dec 01, 2010

1

2

3

4

NARROW BODY

WIDE BODY

10056430-101ABCI

10056430-104ABCI

10056430-105ABCI

10056430-108ABCI

A

A

B

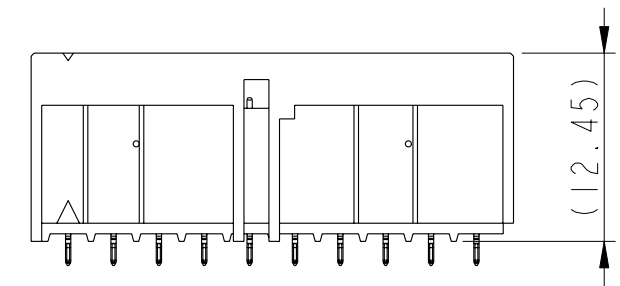
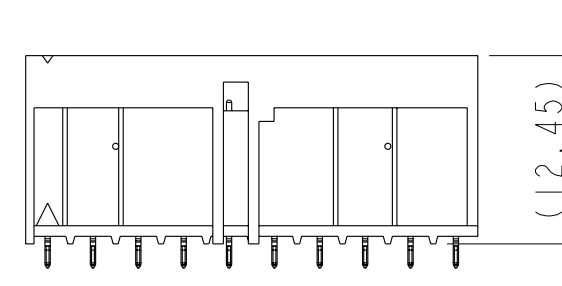
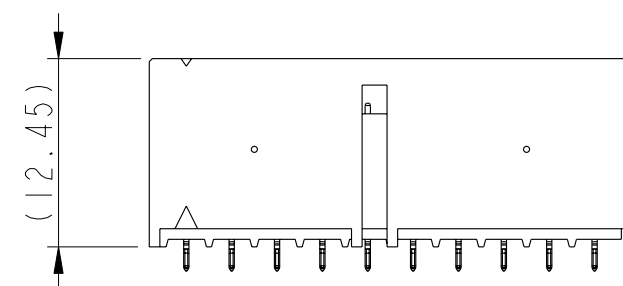
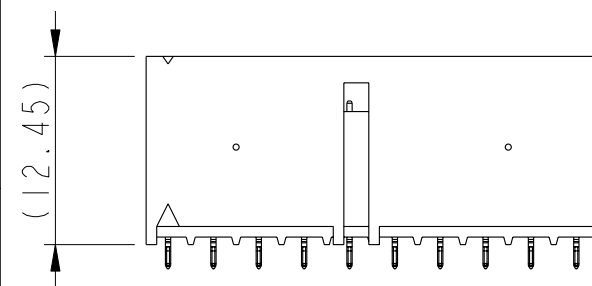
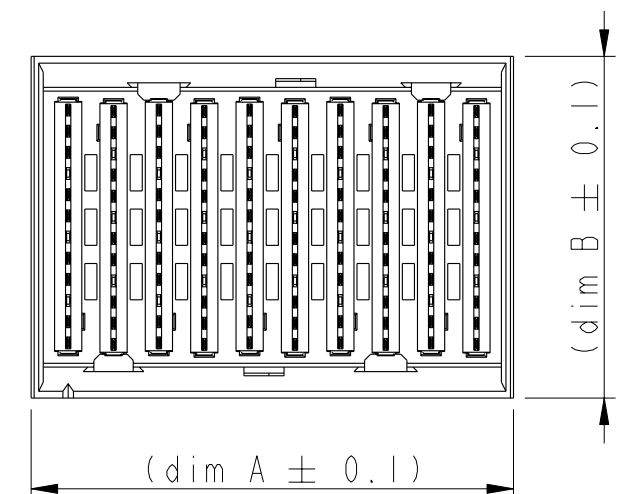
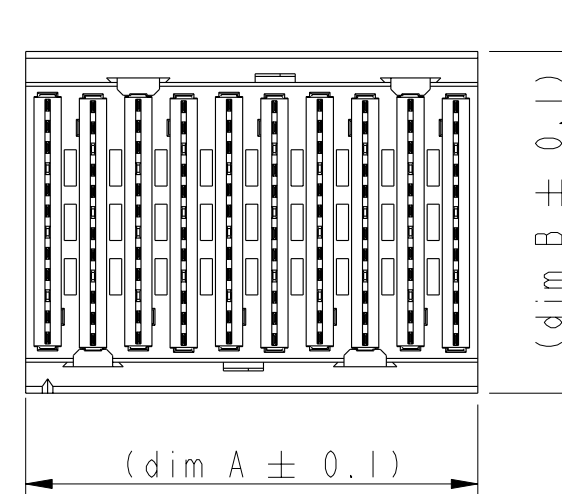
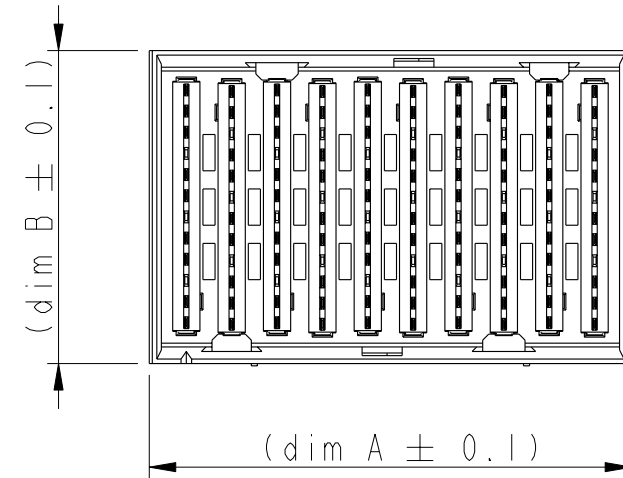
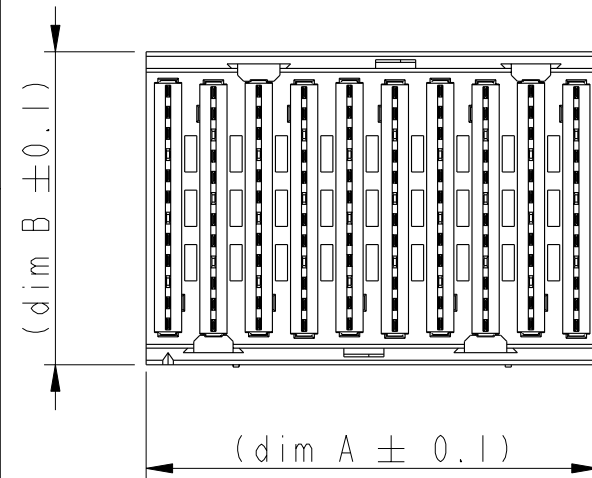
B

C

C

D

D



PN / dim	A	B
10056430-101ABCI(LF)	29.9	20.7
10056430-104ABCI(LF)	31.9	20.7
10056430-105ABCI(LF)	29.9	22.6
10056430-108ABCI(LF)	31.9	22.6

	title AirMax VS VERTICAL HEADER		dwg no 10056430		Rev. C
	4 pair, 120pos, 3mm, 10 IMLA				
	catalog no -		CUSTOMER	sheet 4 of 5	

1

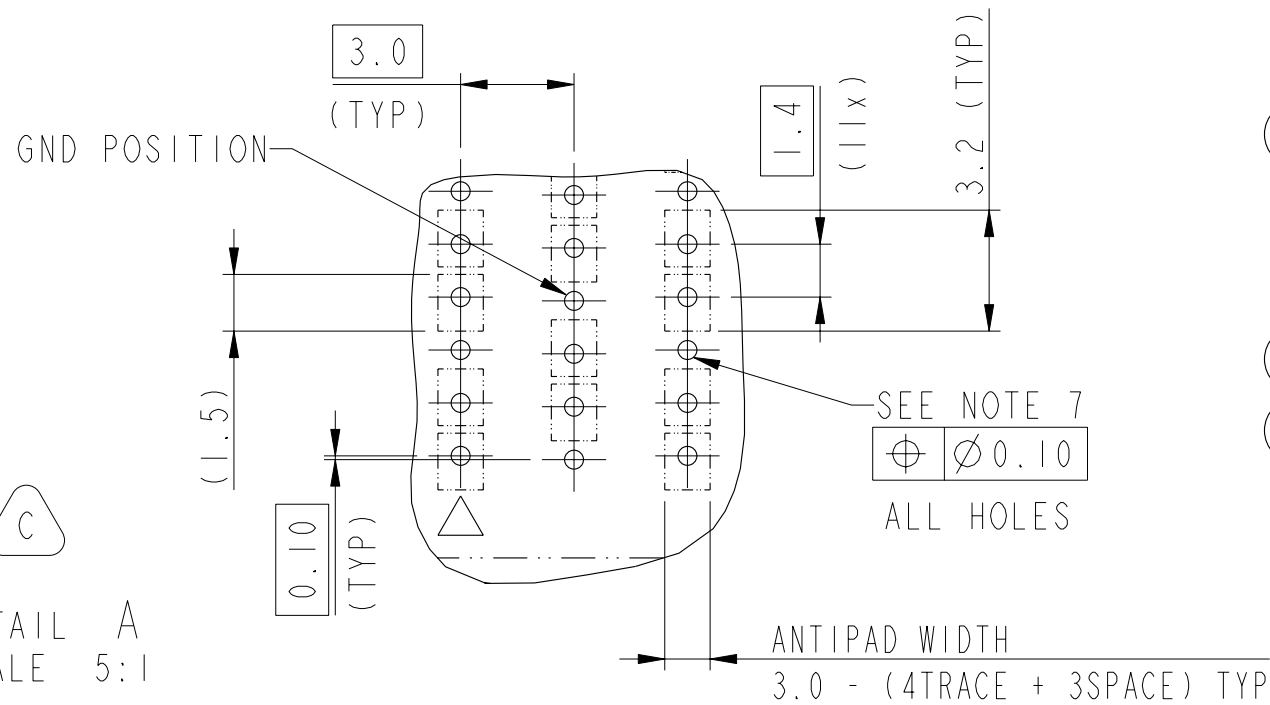
2

3



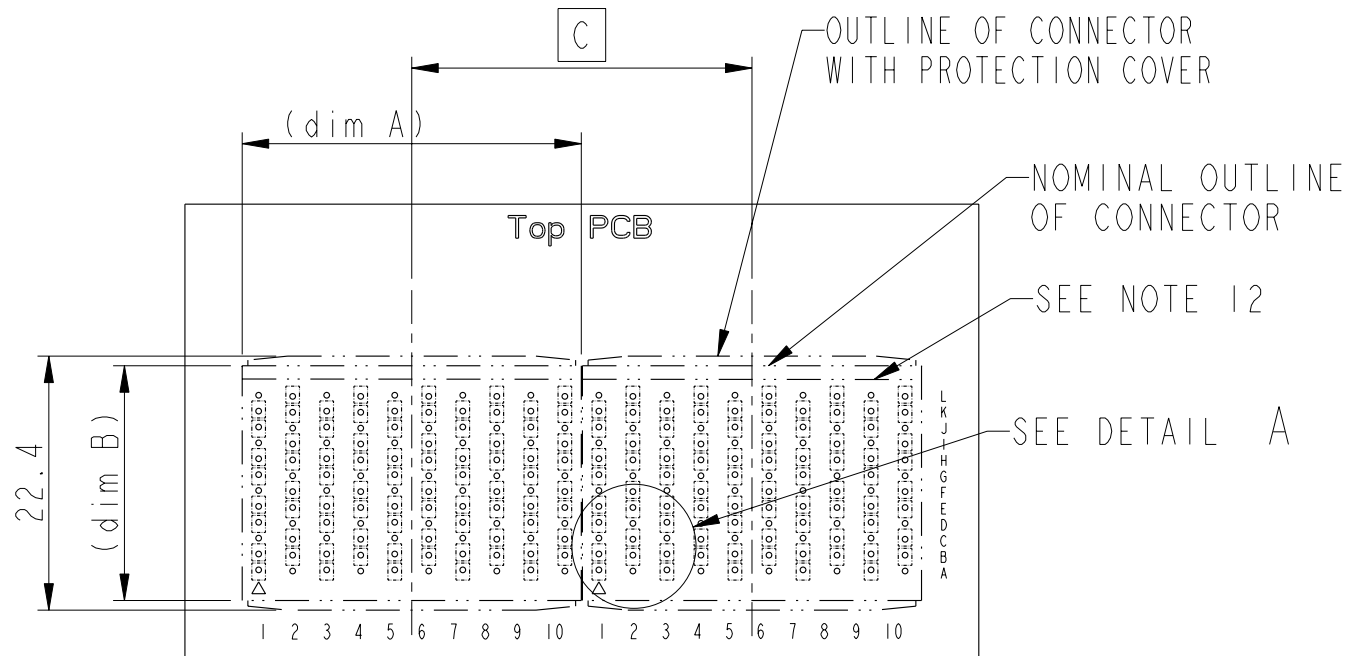
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DETAIL A
SCALE 5:1



PN \ dim	A	B	C
10056430-101ABC1(LF)	29.9	20.7	30
10056430-104ABC1(LF)	31.9	20.7	32
10056430-105ABC1(LF)	29.9	22.6	30
10056430-108ABC1(LF)	31.9	22.6	32

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



NOTES:

- CONNECTORS MATERIAL:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL 94V-0.
PROTECTION COVER : HIGH TEMP THERMOPLASTIC, BLACK UL 94V-0.
IMLA PLASTIC : HIGH TEMP THERMOPLASTIC, BLACK UL 94V-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 (NOVI995) CENTRAL OFFICE TEST SEQUENCE.
PRESS-FIT TAILS: TIN-LEAD (NON LEAD FREE) OR TIN OVER NICKLE (LEAD FREE).
- PRODUCT SPECIFICATION: GS-12-239.
- APPLICATION SPECIFICATION: GS-20-035.
FLATROCK INSERTION INTO PCB BY PUSHING ON TOP SURFACE OF PROTECTION COVER.
- PRODUCT MARKING, (PART NUMBER & LOT CODE)
- 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 PART NUMBER 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 SPECIFICATION.
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
- CUT-OUT OF CONNECTOR AT OPPOSITE SIDE OF POSITION A1 INDICATOR. IT IS RECOMMENDED TO PUT THIS VISIBLE LINE ON THE PCB TO INDICATE PROPER ORIENTATION.
OTHER VISIBLE POLARISATION MARKS ARE A1 INDICATOR AND THE PRINTING SIDE. (SEE SHEET 3)
- GRIPPING FEATURES TO REMOVE PROTECTION COVER BY FINGERS.
- GRIPPING FEATURES TO REMOVE PROTECTION COVER BY STANDARD PILERS.
- A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



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