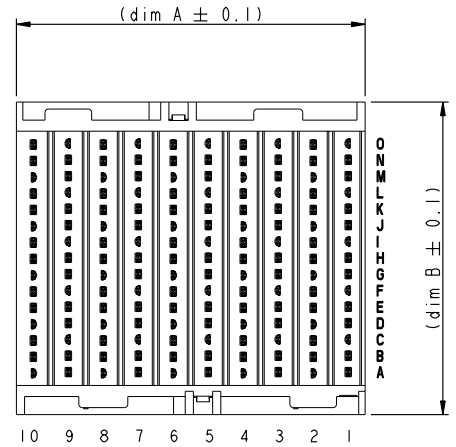
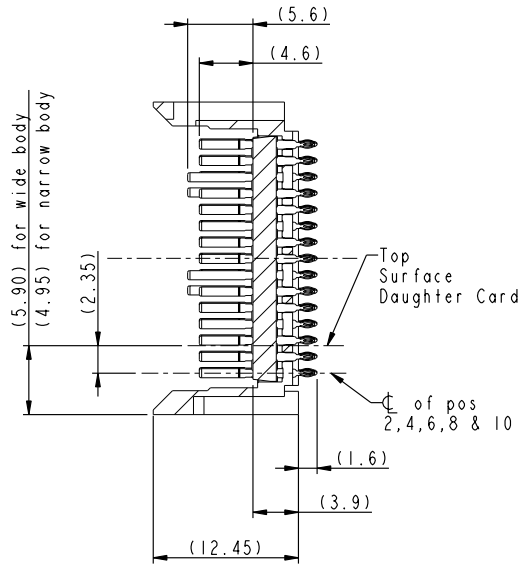
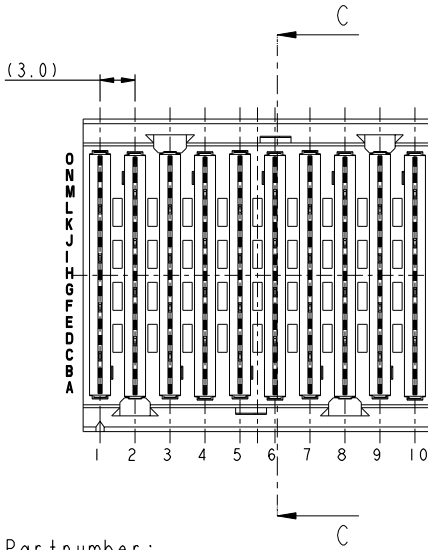


VIEWS WITHOUT PROTECTION COVER



For housing types and dim A and B see sheet 4

Partnumber:
10056427-IYZABCILF

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

SECTION C-C

rev	ecn no	dr	date
A	S07-0004	MCH	2007-01-08
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface	tolerance std	projection	mm
			ISO 1302	ISO 406 ISO 1101	mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	M. CHEONG	2007-01-08	ANGULAR	0.X	±	size A3 Scale 1:1
Eng	M. CHEONG	2007-01-08	LINEAR	0.XX	±	ECN S07-0004
Chr	M. CHEONG	2007-01-08	0° ±°	0.XXX	±	Spec ref CONCEPT
Appr	JOEY NG	2007-01-08	Product family AirMax VS		Rev. no 10056427	Rev. A
FCI title AirMax VS VERTICAL HEADER			catalog no		CUSTOMER	sheet 1 of 5

REV F - 2006-04-17

1 2 3 4

A

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

Partnumber \ Pin layout	5.6mm Longpins (typ gnd)	3.9mm * Short pin (typ defect)	4.6mm Otherpins (typ sign)
10056427-1YZ001D(LF)	L1,M2,L3,M4,L5,M6,L7,M8,L9,M10 F1,G2,F3,G4,F5,G6,F7,G8,F9,G10	--	all other positions
10056427-1YZ003D(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

B

C

D

A

B

C

D

Copyright FCI.

	title	AirMax VS VERTICAL HEADER	dwg no	10056427	Rev.	A	
	Spair, 150 Pos, 3 mm, 10 IMLA			CUSTOMER		sheet 2 of 5	
	catalog no	-					

REV F - 2006-04-11

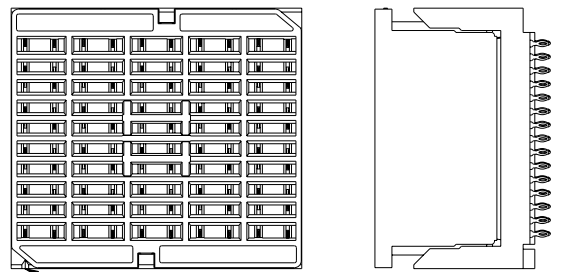
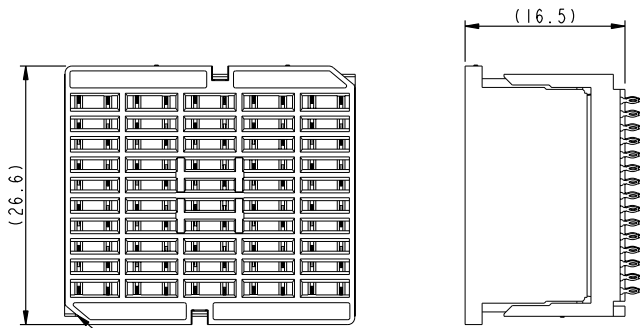
1 2 3 4

PDM: Rev:A STATUS: Released Printed: Dec 01, 2010

1 2 3 4

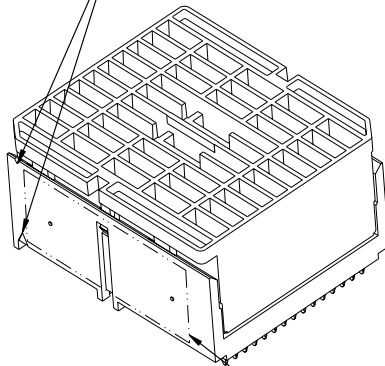
NARROW BODY

WIDE BODY

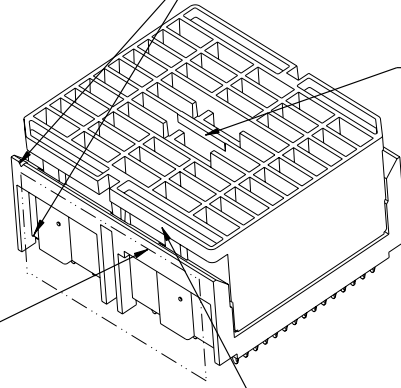


Triangle indicates position A1.
SEE NOTES 12.

Triangle indicates position A1.
SEE NOTE 12.



CUT-OUT SIDE AT
OPPOSITE SIDE OF
A1 INDICATOR.



SEE NOTE 14

SEE NOTE 13

NOTE 5 & 12.

	title	AirMax VS VERTICAL HEADER	dwg no	10056427	Rev.	A
	Spair, 150 Pos, 3 mm, 10 IMLA	catalog no	CUSTOMER	sheet 3 of 5		

REV F - 2006-04-11

1 2 3 4

PDM: Rev:A STATUS: Released Printed: Dec 01, 2010

Copyright FCI
FCI

1

2

3

4

NARROW BODY

WIDE BODY

10056427-101ABC1

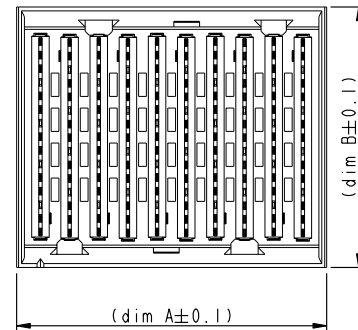
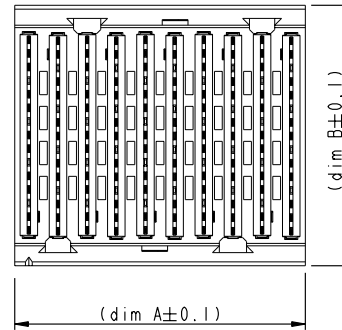
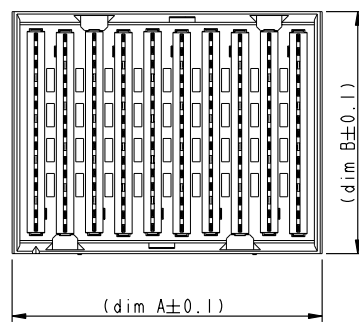
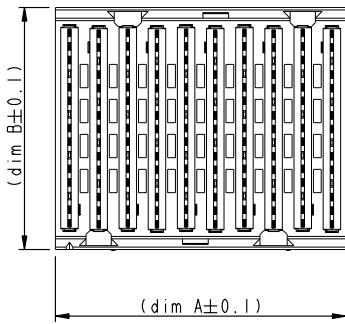
10056427-104ABC1

10056427-105ABC1

10056427-108ABC1

A

A

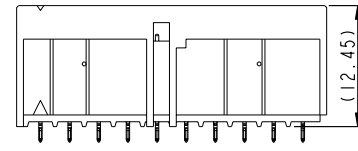
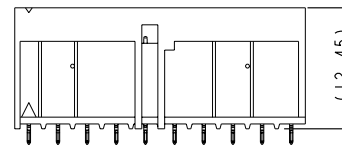
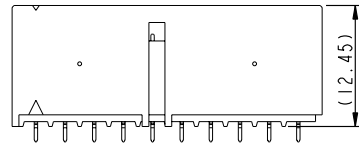
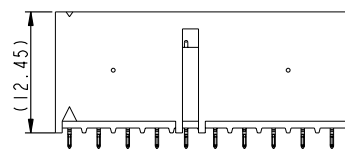


B

B

C

C



Copyright FCI.

D

D

PN / dim	A	B
10056427-101ABC1(LF)	29.9	24.9
10056427-104ABC1(LF)	31.9	24.9
10056427-105ABC1(LF)	29.9	26.8
10056427-108ABC1(LF)	31.9	26.8

	title	AirMax VS VERTICAL HEADER	dwg no	10056427	Rev.	A
		Spair, 150 Pos, 3 mm, 10 IMLA				
	catalog no			CUSTOMER		sheet 4 of 5

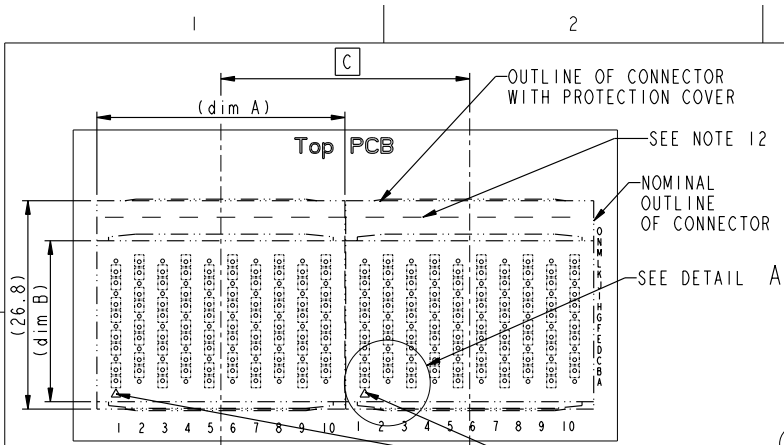
REV F - 2006-04-17

1

2

3

FDM: Rev:A STATUS: Released Printed: Dec 01, 2010



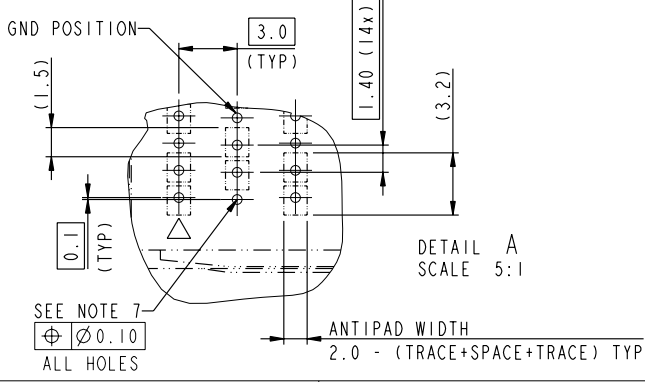
NOTES:

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 REQUIREMENT OF FC1 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)
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, (PART NUMBER & 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 PARTNUMBERS MEETS THE EUROPEAN UNION DIRECTIVE AS DESCRIBED IN GS-22-008, SUB CLAUSE 3.2
9. THE HOUSING SHOULD WITHSTAND EXPOSURE 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
10. PACKAGING MEETS GS-14-1086 AND GS-14-920 LEAD FREE LABELING SPECIFICATION.
11. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
12. 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).
13. GRIPPING FEATURE TO REMOVE PROTECTION COVER BY FINGERS.
14. GRIPPING FEATURE TO REMOVE PROTECTION COVER BY STANDARD PILERS.

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

Triangle indicates A1 position. SEE NOTE 12

PN \ dim	A	B	C
10056427-101ABCI(LF)	29.9	24.9	30
10056427-104ABCI(LF)	31.9	24.9	32
10056427-105ABCI(LF)	29.9	26.8	30
10056427-108ABCI(LF)	31.9	26.8	32



	title	AirMax VS VERTICAL HEADER	dwg no	10056427	Rev.	A
	Spair, 150 Pos, 3 mm, 10 IMLA					
	catalog no			CUSTOMER		sheet 5 of 5

Copyright FCI

REV F - 2006-04-17