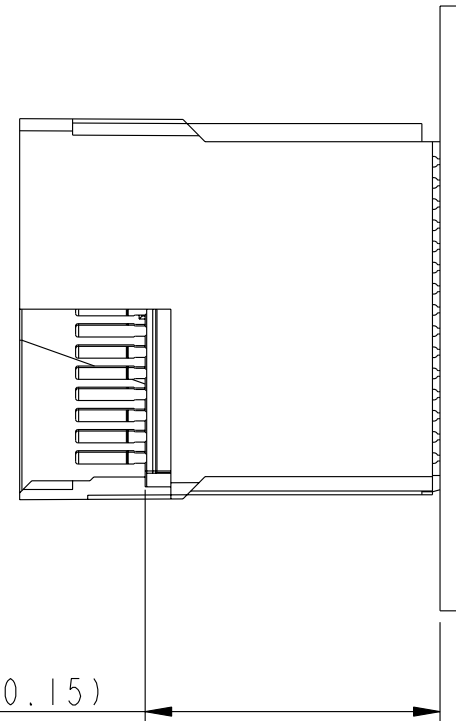
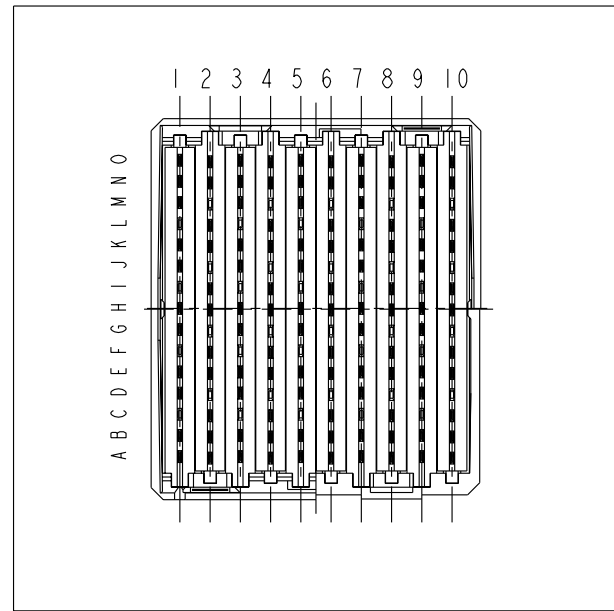


PART NUMBER:
SEE TABLE SHEET 2

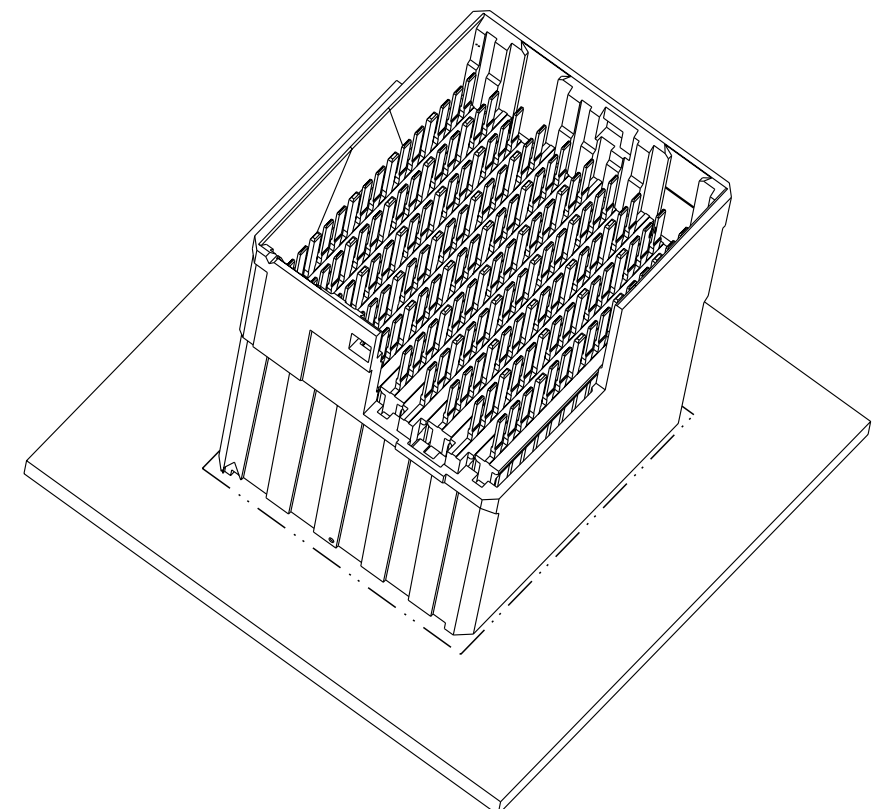
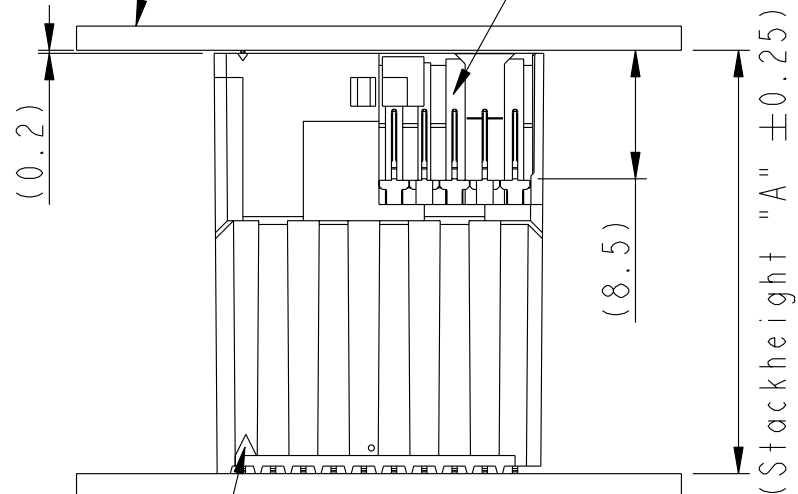


Base PCB

(Mating level "B" ± 0.15)

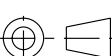
Mezzanine card

Mating part 10016537-101,
vert. receptacle 5 pair 10 imla.

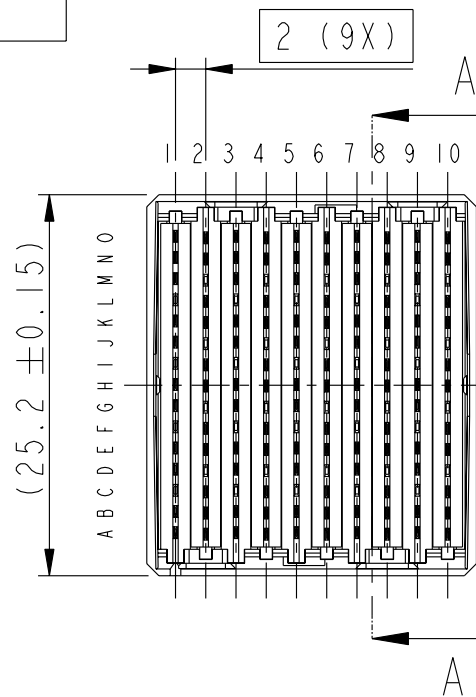


External reference
for pin 1

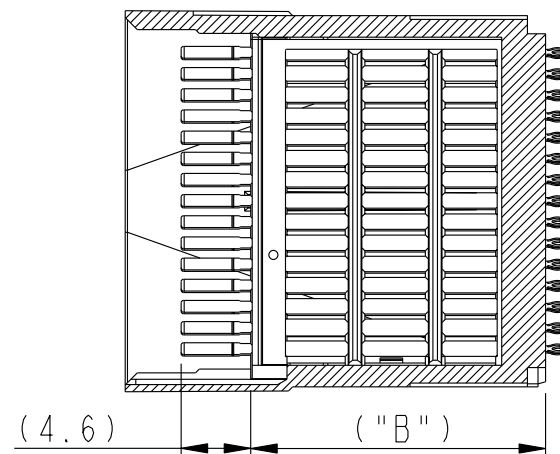
rev	ecn no	dr	date
A	H06-0012	RWE	2006-02-06
B	H06-0105	RWE	2006-06-20
C	S06-0307	DT	2006-09-12
D	S07-0112	DT	2007-04-13
E	S07-0169	DT	2007-05-18
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ✓		tolerance std ISO 406 ISO 1101		projection 	MM 
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	P.Poorter	2005-05-09	ANGULAR	LINEAR	0.X	±	size	Scale
Eng	D.Tan	2007-05-18			0.XX	±	A3	1:1
Chr	D.Tan	2007-05-18			0°	±°	0.XXX	±
Appr	Joey Ng	2007-05-18	Product family AirMax VS				Spec ref	
		title AirMax VS Mezzanine Vhdrs Assy Press-fit, 10 Imla, 2mm, 150 Pos				dwg no 10056246		Rev. E
		catalog no				CUSTOMER		sheet 1 of 4

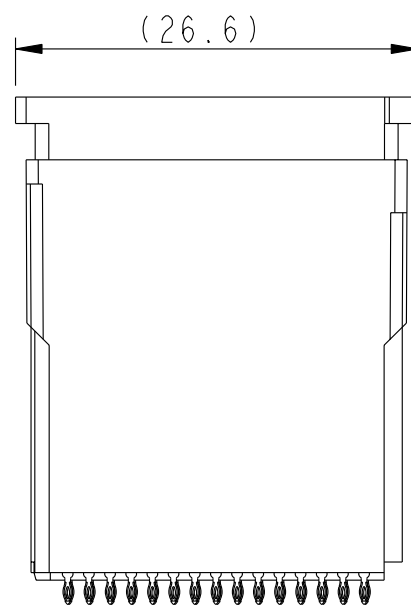
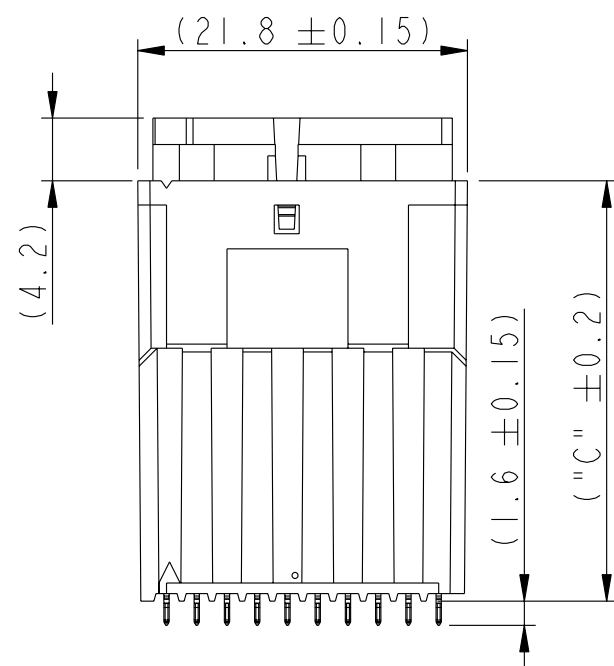
PART NUMBER:
SEE TABLE



View without protection cover



SECTION A-A



Triangle indicates position A1. See note 10

See note 11

See Note 12

P/N Marking Area

**Not all stack height have been tooled up. For product availability, please check FCI website.

PRODUCT P/N**	SYSTEM STACK HEIGHT "A"	MATING LEVEL "B"	CONNECTOR HEIGHT "C"
10056246-101ILF	14	5.5	13.8
10056246-102ILF	16	7.5	15.8
10056246-103ILF	18	9.5	17.8
10056246-104ILF	20	11.5	19.8
10056246-105ILF	22	13.5	21.8
10056246-106ILF	24	14.5	23.8
10056246-107ILF	26	17.5	25.8
10056246-108ILF	28	19.5	27.8
10056246-109ILF	30	21.5	29.8
10056246-110ILF	25	16.5	24.8

P/N: 10056246-XYZA LF

LF: Lead free product (see note 7)

Protection cover, 1 = present (std); 0 = not present

Stack height, see table

Plating: 1=Telcordia CO 4 GAS



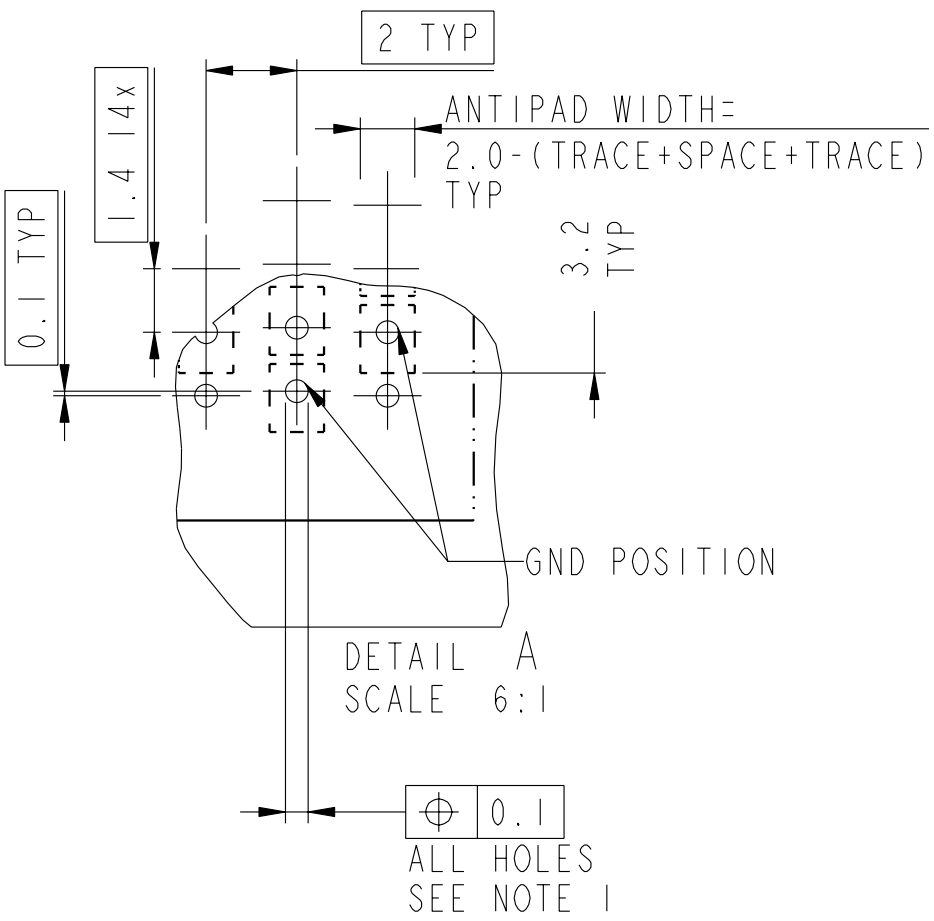
AirMax VS Mezzanine Vhdrs Assy
Press-fit, 10 Imla, 2mm, 150 Pos
catalog no

dwg no 10056246
Rev. E
CUSTOMER sheet 2 of 4



Copyright FCI.

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



Nominal outline
of connector
(Without protection cover)

SEE DETAIL A

	title	AirMax VS Mezzanine Vhdrs Assy		dwg no	10056246	Rev.	
		Press-fit, 10 Imla, 2mm, 150 Pos				E	
	catalog no	-		CUSTOMER		sheet 3 of 4	



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NOTES:

1. Connector materials:
Housing: High temp thermoplastic, natural, UL94-V0
Protection cover: High temp thermoplastic, black, UL94-V0
Overmold plastic: High temp thermoplastic, black, UL94-V0
Contact: Copper alloy
2. Contact plating:
Separate Interface: Performance-based plating, qualified to meet the requirements of FCI product specification GS-12-239, including telcordia GR-1217-CORE (November 1995) central office
Press-fit tails: Pure tin over nickel
3. Product specification: GS-12-379
4. Application specification: GS-20-069
Flat rock insertion into PCB by pushing on top of surface protection cover.
5. Product marking (Partnumber, lotcode).
6. See customer drawing 10045979 for information on PCB hole.
7. Lead free partnumbers meet the European Union Directives and other country regulations as described in GS 22-008.
8. The housing should withstand exposure to 260° peak temperature for 40 seconds in a convection, reflow or vapour phase reflow oven.
9. Packaging specification GS-14-1087 meets GS-14-920 lead free labeling specification.
10. Cut-out of connector at opposite side of position AI indicator
It is recommended to print this visible line on the PCB to indicate proper orientation.
Other visible polarisation marks are AI indicator and printing side.
11. Gripping feature to remove protection cover by standard pliers.
12. Gripping feature to remove protection cover by fingers.



AirMax VS Mezzanine Vhdrs Assy
Press-fit, 10 Imla, 2mm, 150 Pos
catalog no

dwg no 10056246
CUSTOMER

Rev.
E

sheet 4 of 4