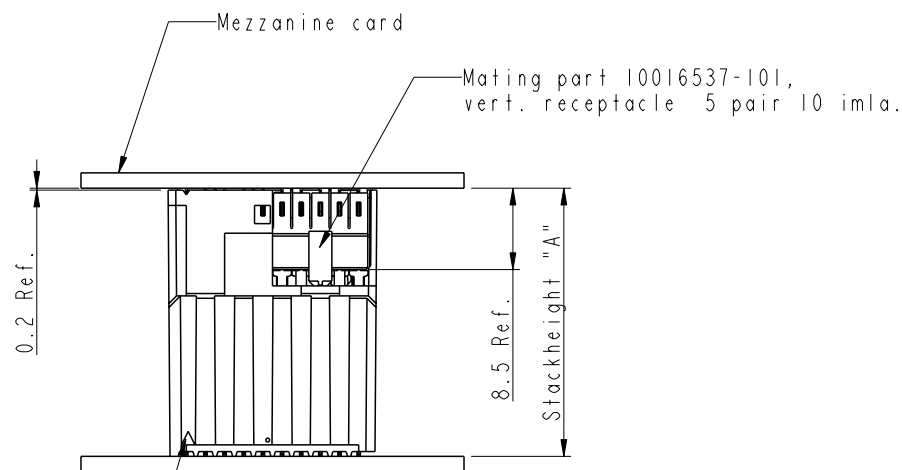
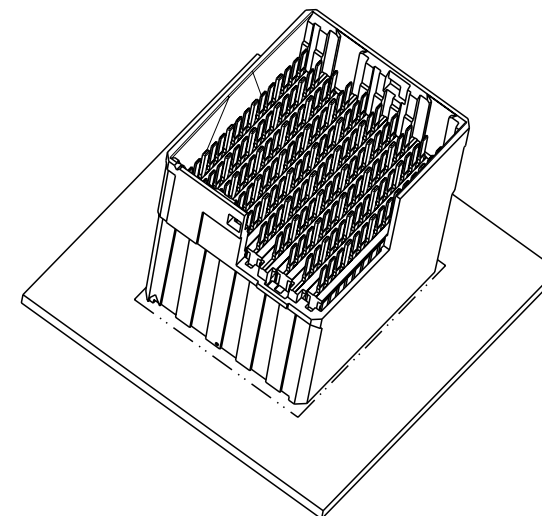
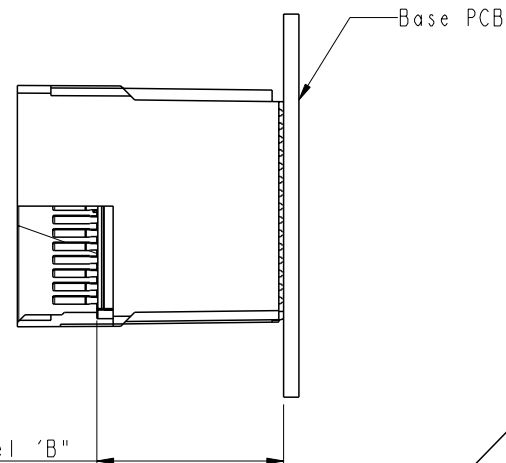
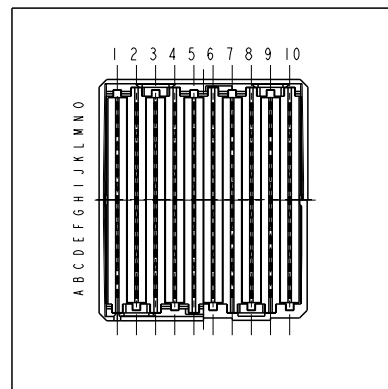


PART NUMBER:
SEE TABLE SHEET 2



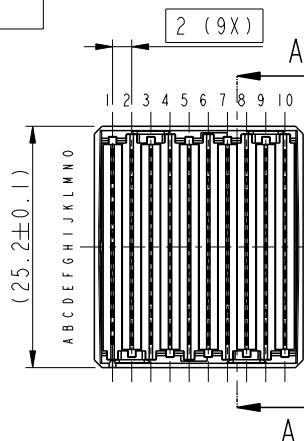
External reference
for pin 1

rev	ecn no	dr	date
A	H06-0012	RWE	20060206
B	H06-0105	RWE	20060620
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

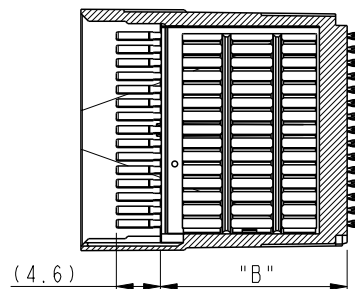
www.fciconnect.com			surface	-	tolerance std	ISO 406	ISO 1101	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED					size	Scale
Dr	P.Poorter	050509	ANGULAR		0.X	±		A3	1:1
Eng	R.Weber	050401	LINEAR		0.XX	±		ECN	PRELIMINARY
Chr	R.Weber	050401	0° ±°		0.XXX	±		Spec ref	
Appr	R.Weber	060203	Product family		AirMax				
			title		VHDR 5 PAIR 10 IMLA		dwg no		Rev.
					AirMax VS Mezzanine		10056246		B
			catalog no				customer copy		sheet 1 of 4

REV F - 2006-04-17

PART NUMBER:
SEE TABLE



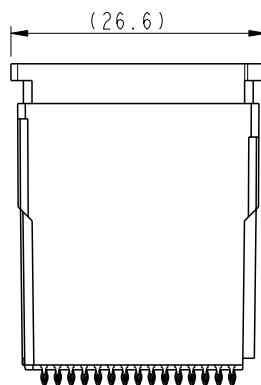
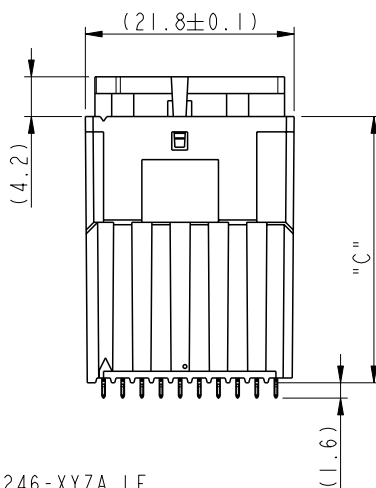
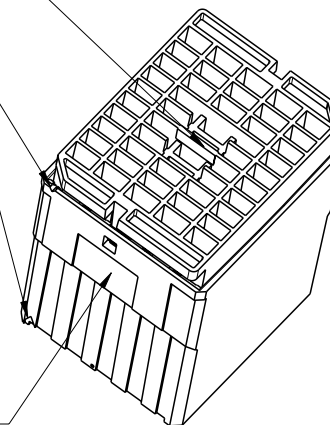
View without protection cover



SECTION A-A

See note 11
Triangle indicates position A1. See note 10




P/N Marking Area



P/N: 10056246-XYZA LF

LF: Lead free product (see note 7)
Protection cover, 0 = not present; 1 = present
Stack height, see table
Plating: 1=Telcordia CO 4 GAS

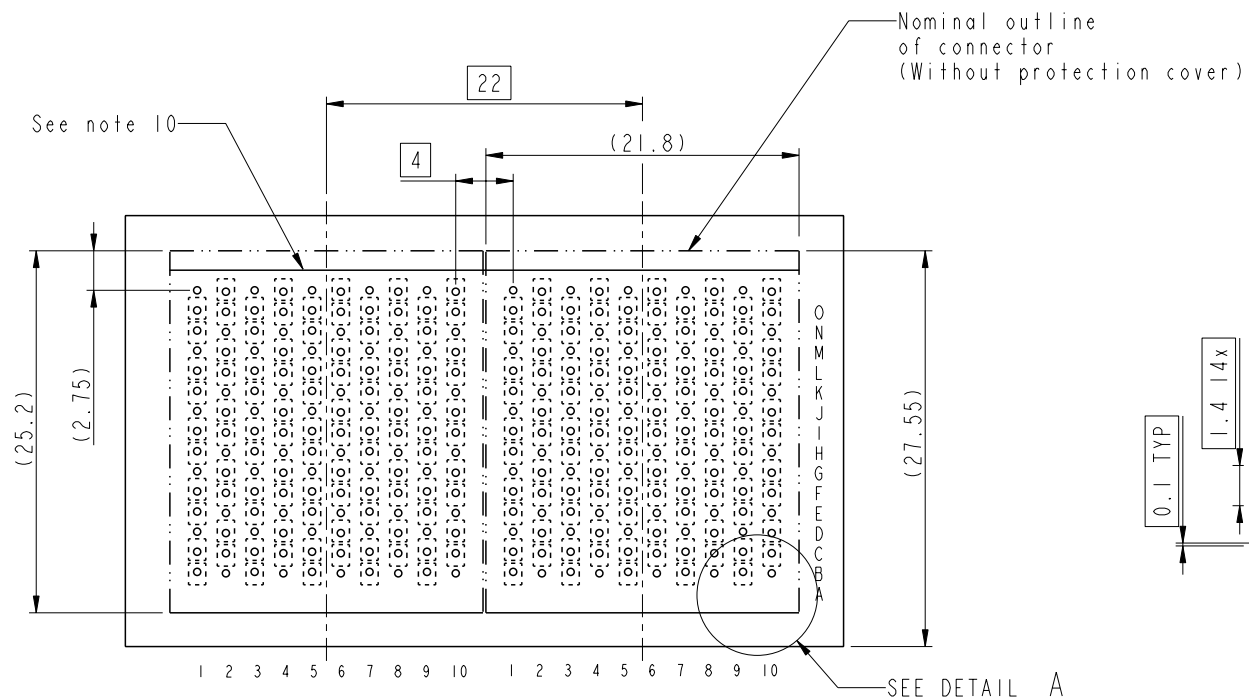
PRODUCT P/N	SYSTEM STACK HEIGHT "A"	MATING LEVEL "B"	CONNECTOR HEIGHT "C"
10056246-1010(-LF)	14	5.5	13.8
10056246-1020(-LF)	16	7.5	15.8
10056246-1030(-LF)	18	9.5	17.8
10056246-1040(-LF)	20	11.5	19.8
10056246-1050(-LF)	22	13.5	21.8
10056246-1060(-LF)	24	14.5	23.8
10056246-1070(-LF)	26	17.5	25.8
10056246-1080(-LF)	28	19.5	27.8
10056246-1090(-LF)	30	21.5	29.8
10056246-1100(-LF)	25	16.5	24.8

www.fciconnect.com			surface - ✓		tolerance std ISO 406 ISO 1101		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	P.Poorter	050509	ANGULAR	LINEAR	0.X	±	size	Scale			
Eng	R.Weber	050401			0.XX	±	A3	1:1			
Chr	R.Weber	050401			0.XXX	±	ECN PRELIMINARY				
Appr	R.Weber	060203	Product family				AirMax	Spec ref			
			title VHDR 5 PAIR 10 IMLA				dwg no 10056246			Rev B	
			AirMax VS Mezzanine								
			catalog no				-		customer copy		sheet 2 of 4

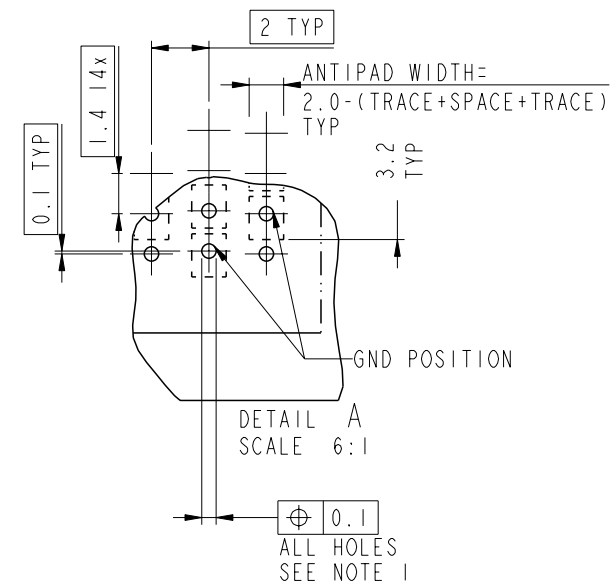
REV F - 2006-04-17



Copyright FCI.

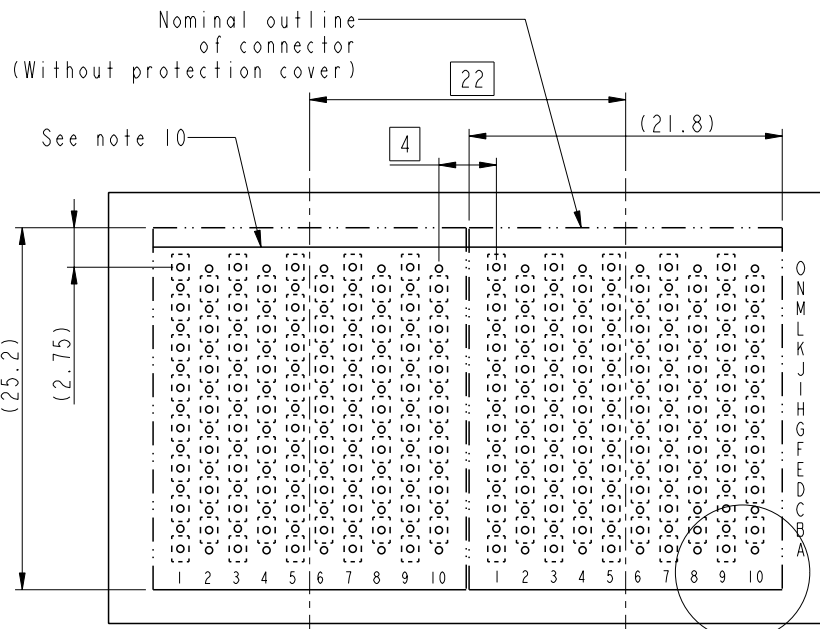


RECOMMENDED PCB LAYOUT HEADER
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)



www.fciconnect.com			surface	-	✓	tolerance std	ISO 406	ISO 1101	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	P. Poorter	050509	ANGULAR			0.X	±		size	A3
Eng	R. Weber	050401		LINEAR		0.XX	±		Scale	1:1
Chr	R. Weber	050401	0° ±°			0.XXX	±		ECN	PRELIMINARY
Appr	R. Weber	060203	Product family			AirMax		Spec ref		
FCI			title				VHDR 5 PAIR 10 IMLA		dwg no	
							AirMax VS Mezzanine		10056246	
			catalog no				-		customer copy	
									sheet 3 of 4	
									Rev.	
									B	

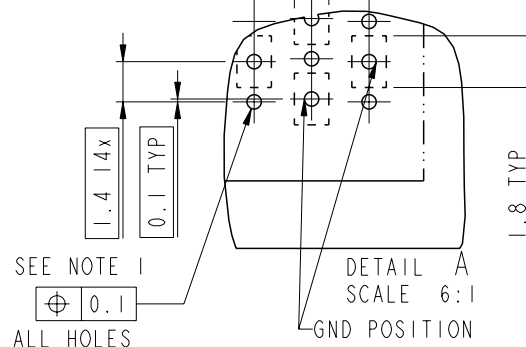
REV 1 - 2006-04-17



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

SEE DETAIL A

ANTIPAD WIDTH=
 $2.0 - (\text{TRACE} + \text{SPACE} + \text{TRACE})$
TYP



NOTES:

- 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
- Contact plating:
Contact zone: gold over nickel
Press-fit tails: Tin-lead or pure tin over nickel
- Product specification: GS-12-379
- Application specification: GS-20-069
Flat rock insertion into PCB by pushing on top of surface protection cover.
- Product marking (Partnumber, lotcode).
- See customer drawing 10045979 for information on PCB hole.
- Lead free partnumbers meet the European Union Directive as described in GS 22-008, sub clause 3.2
- The housing should withstand exposure to 260° peak temperature for 40 seconds in a convection, reflow or vapour phase reflow oven.
- Packaging specification GS-14-1087 meets GS-14-920 lead free labeling specification.
- Cut-out of connector at opposite side of position A1 indicator. It is recommended to print this visible line on the PCB to indicate proper orientation. Other visible polarisation marks are A1 indicator and printing side.
- Gripping feature to remove protection cover by standard pliers.

www.fciconnect.com			surface	-	✓	tolerance std	ISO 406	ISO 1101	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED						size	Scale
Dr	P.Poorter	050509	ANGULAR			0.X	±		A3	1:1
Eng	R.Weber	050401			LINEAR	0.XX	±		ECN	PRELIMINARY
Chr	R.Weber	050401	0°	±°		0.XXX	±		Spec ref	
Appr	R.Weber	060203	Product family			AirMax				
			title			VHDR 5 PAIR 10 IMLA			dwg no	
						AirMax VS Mezzanine			10056246	
			catalog no						Rev.	
									B	
									customer copy	
									sheet 4 of 4	

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