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Stocking Distributor

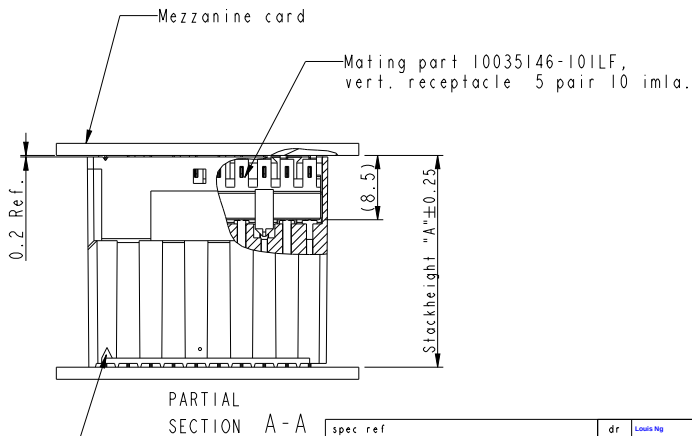
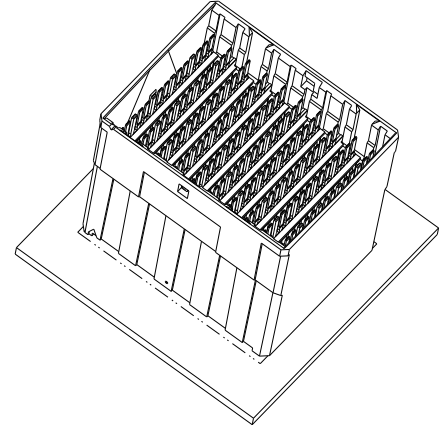
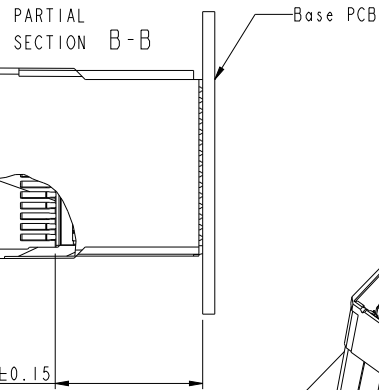
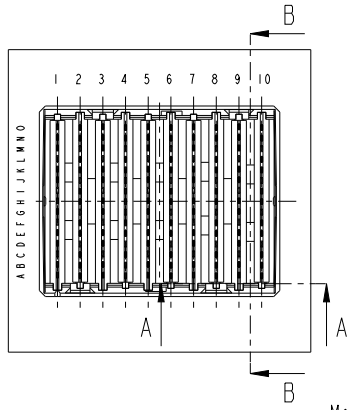
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10059957-1071LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PART NUMBER:
SEE TABLE SHEET 2



External reference
for pin A1

spec ref	dr	20080908	projection	MM	size	A3	scale	2:1
tolerance std	eng	20120404	chr		ecm no	ELX-S-051204-1	rel level	Released
ISO 406	chr		appr	Chen-Hong Tan	20120409	product family	AirMax	
ISO 1101	surface	linear	0.X	±	0.XX	±	0.XXX	±
	angular	0°	±					
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI title VHdr 5Pr, 10 IMLA, 3mm AirMax Vs Mezzanine cat. no. - Product - Customer Drw sheet 1 of 4						
www.fci.com		dwg no 10059957 rev D						

Prod File - REV C - 2009-04-09

1

2

3

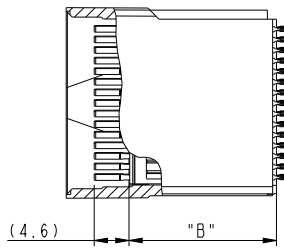
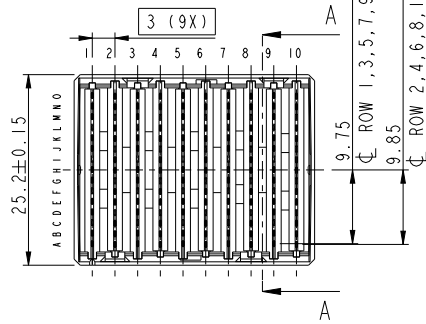
PDS: Rev D

STATUS: Released

Printed: Apr 09, 2012

PART NUMBER:
SEE TABLE

Views without protection cover



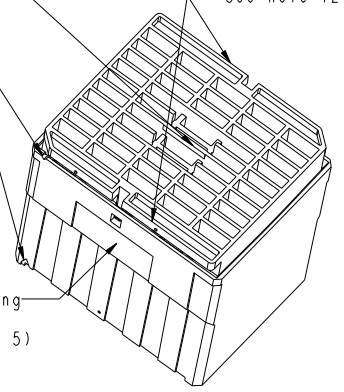
Triangle indicates position A1. See note 10

PARTIAL SECTION A-A

P/N Marking Area (See note 5)

See note 11

See note 12.



** 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"
10059957-1011(LF)	14	5.5	13.8
10059957-1021(LF)	16	7.5	15.8
10059957-1031(LF)	18	9.5	17.8
10059957-1041(LF)	20	11.5	19.8
10059957-1051(LF)	22	13.5	21.8
10059957-1061(LF)	24	14.5	23.8
10059957-1071(LF)	26	17.5	25.8
10059957-1081(LF)	28	19.5	27.8
10059957-1091(LF)	30	21.5	29.8
10059957-1101(LF)	25	16.5	24.8

P/N: 10059957-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, see note 2.

spec ref	tolerance std	ISO 406	ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED
surface	linear	0.X	±	
		0.XX	±	
		0.XXX	±	
	angular	0°	±°	

dr	Luca Ng	20090908	projection	MM	size	A3	scale	2:1
eng	Matthew Cheong	20120404	chr		ecn no			
chr			appr	Chen-Hong Tan	20120409	product family	AirMax	rel level
www.fci.com	cat. no.		Product - Customer Drw	sheet 2 of 4	rev	D		

Print Date - REV C - 2009-04-09

1

2

3

PDS: Rev D

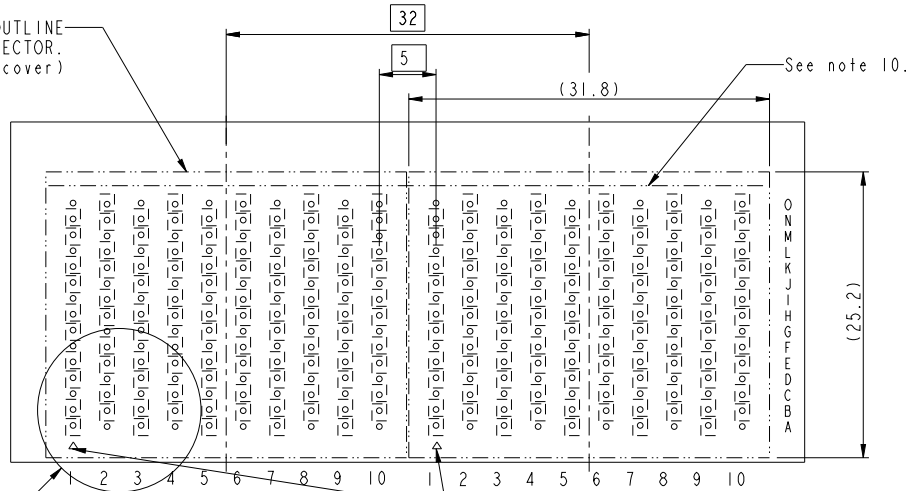
STATUS: Released

Printed: Apr 09, 2012



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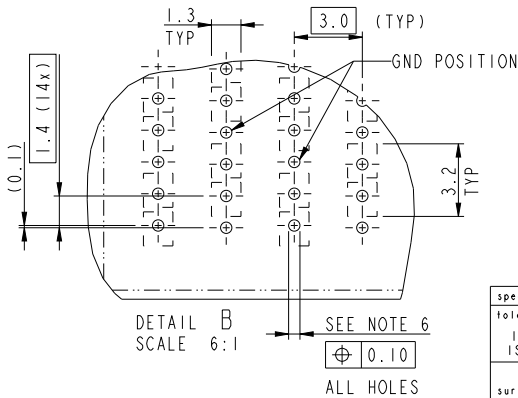
NOMINAL OUTLINE
OF CONNECTOR.
(without protection cover)



SEE DETAIL B

Triangle indicates position A1.

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



DETAIL B
SCALE 6:1

SEE NOTE 6

ALL HOLES
0.10

spec ref		dr		Loan Ng		20090908		projection		MM		size		A3		scale		1:1			
tolerance std		eng		Matthew Cheong		20120404								ecm no		ELX-S-051204-1					
ISO 406		chr																			
ISO 1101		appr		Chen-Hong Tan		20120409															
TOLERANCES UNLESS OTHERWISE SPECIFIED								product family		AirMax		rel level		Released							
surface		linear		0.X		±				title		VHdr 5Pr, 10 IMLA, 3mm		dwg no		10059957		rev		D	
				0.XX		±															
				0.XXX		±															
		angular		0°		±°		www.fci.com		cat. no.		-		Product -		Customer Drw		sheet 3 of 4			

Print Date - REV C - 2009-04-09

1

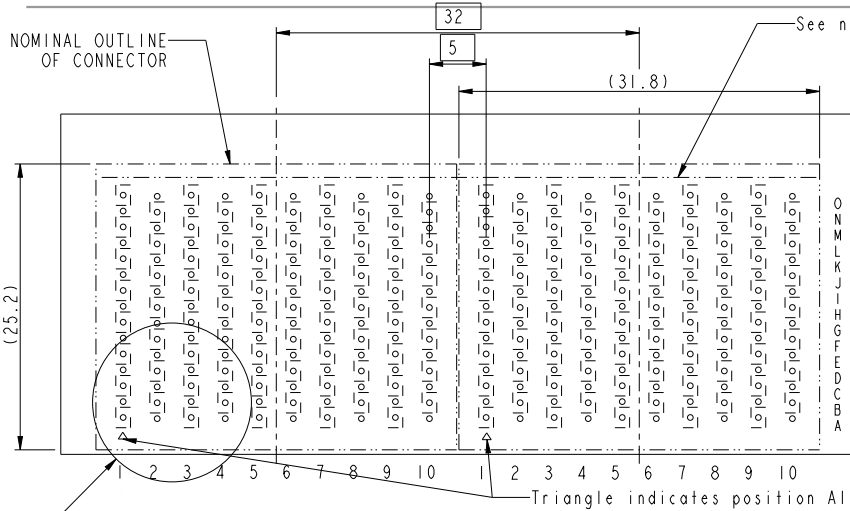
2

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PDS: Rev D

STATUS: Released

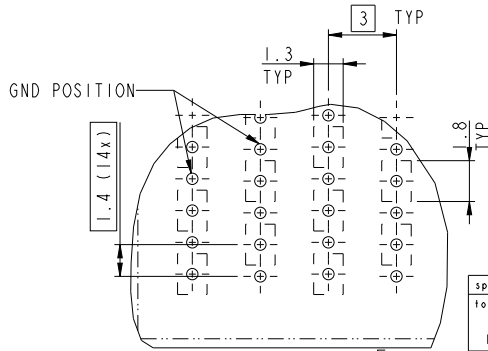
Printed: Apr 09, 2012



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 Directive 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 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.
11. Gripping feature to remove protection cover by standard pliers.
12. Gripping feature to remove protection cover by fingers.
13. A Δ symbol will be next to any note, dimension or view which has been modified with the current drawing revision.

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



DETAIL F
SCALE 6:1

spec ref	dr	Loan Ng	20090908	projection	MM	size	A3	scale	1:1
tolerance std	eng	Matthew Cheong	20120404			ecm no			
ISO 406	chr					rel level			
ISO 1101	appr	Chen-Hong Tan	20120409	product family	AirMax				
surface	linear	0.X	±						
		0.XX	±						
		0.XXX	±						
	angular	0°	±°						



title VHdr 5Pr, 10 IMLA, 3mm
AirMax Vs Mezzanine

dwg no 10059957

rev D

www.fci.com

cat. no.

-

Product - Customer Drw

sheet 4 of 4

PDS: Rev D

STATUS: Released

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