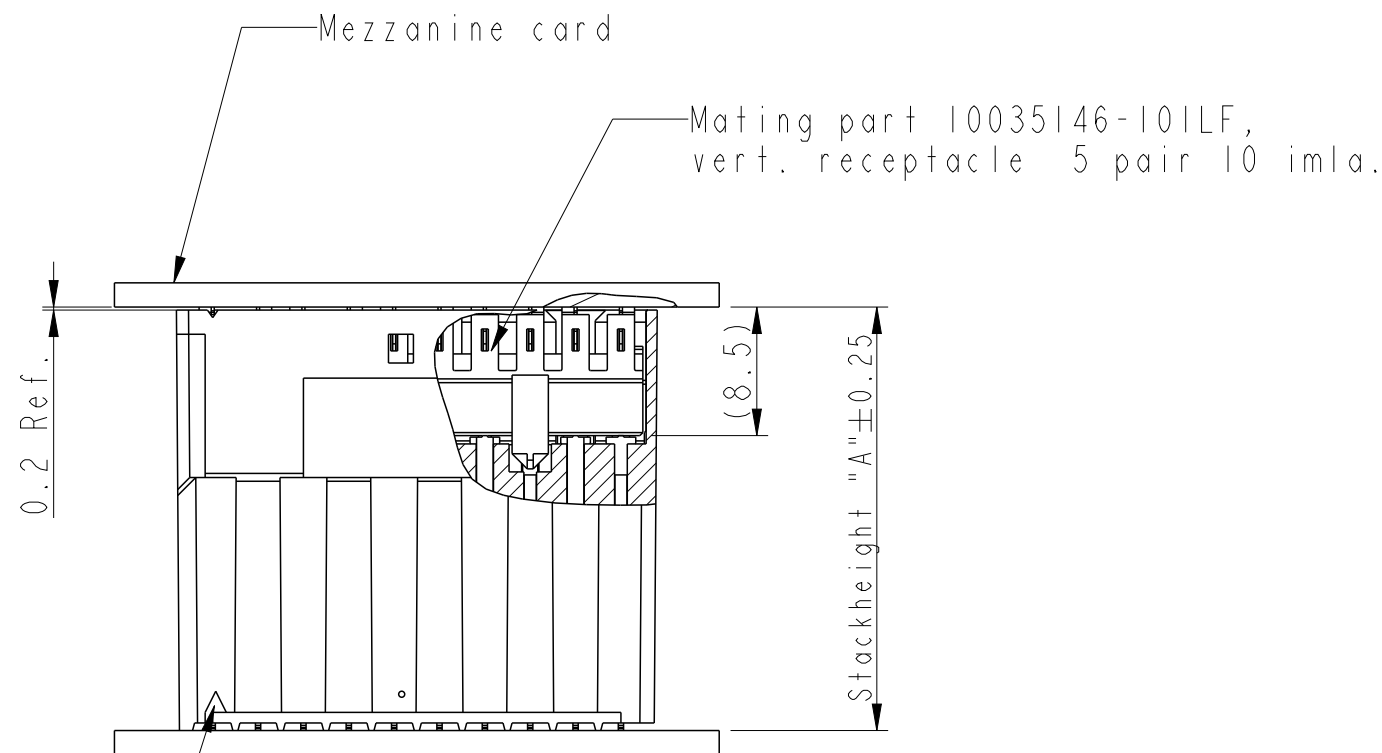
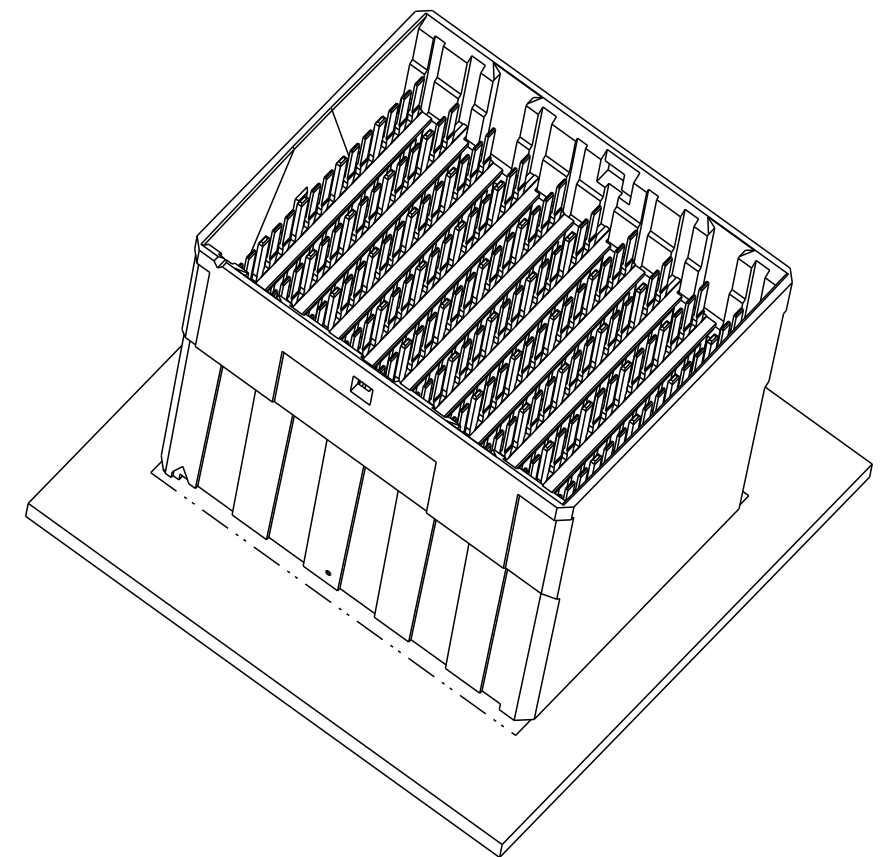
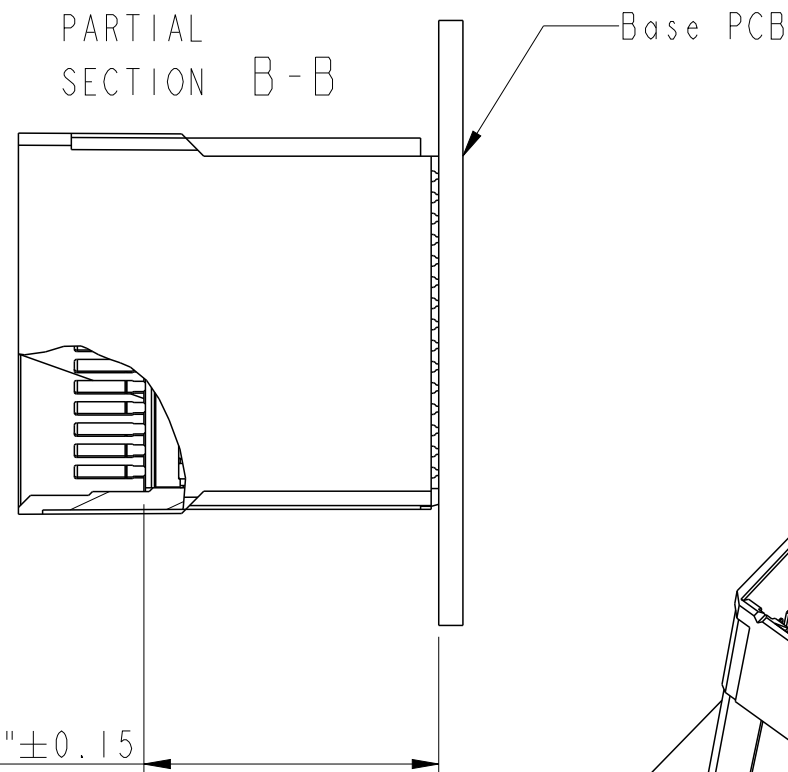
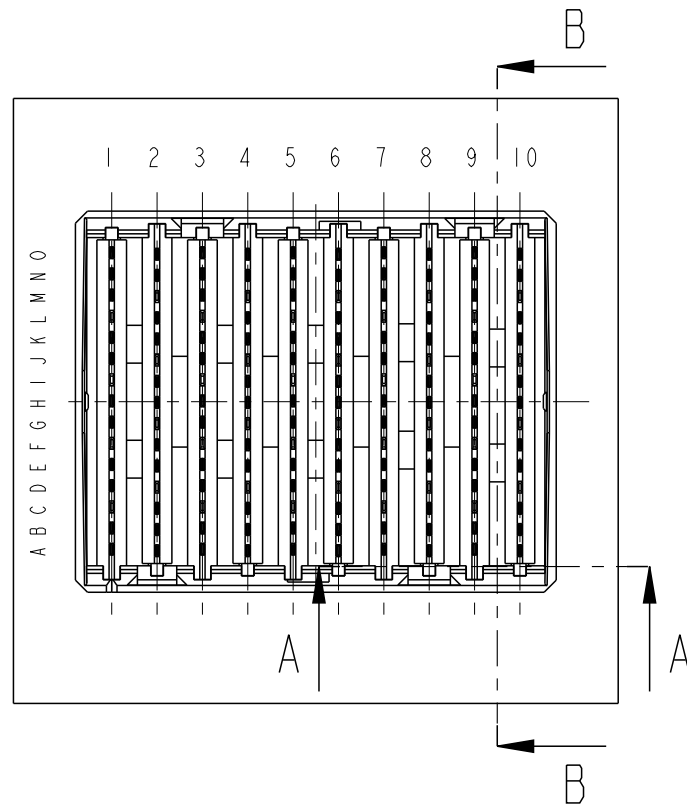


PART NUMBER:
SEE TABLE SHEET 2



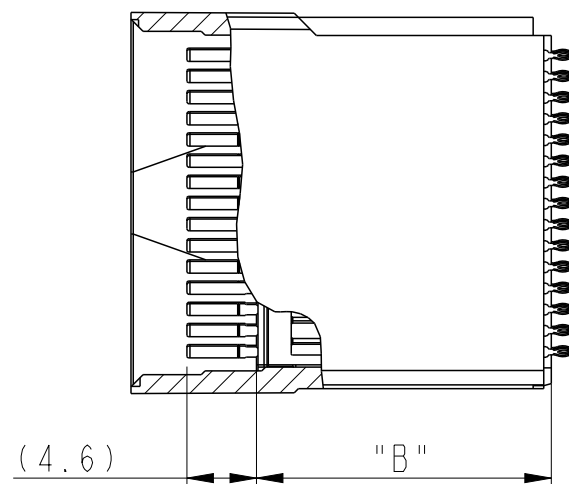
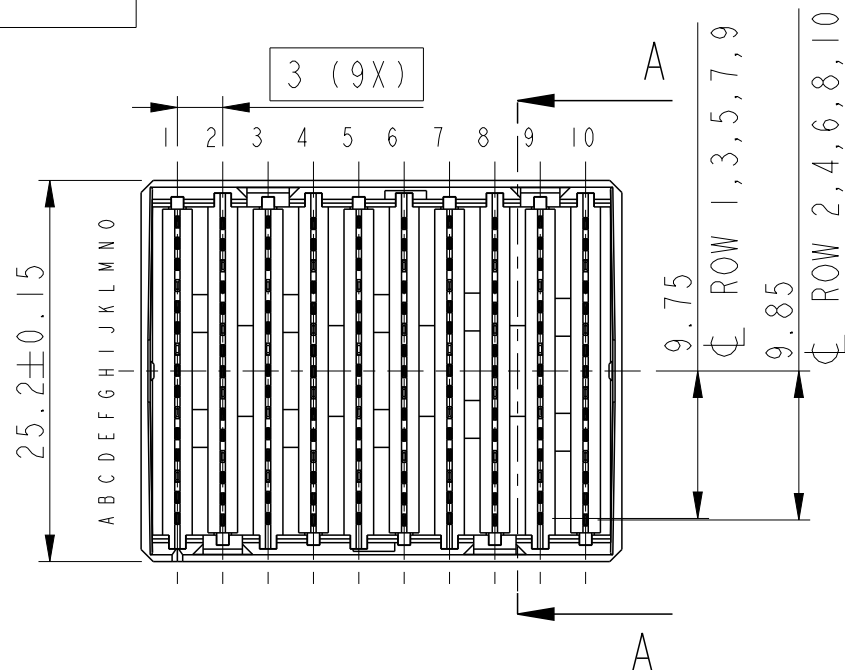
External reference
for pin A1

PARTIAL
SECTION A-A

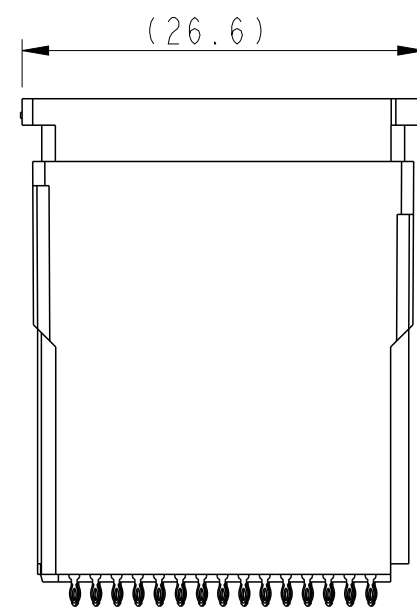
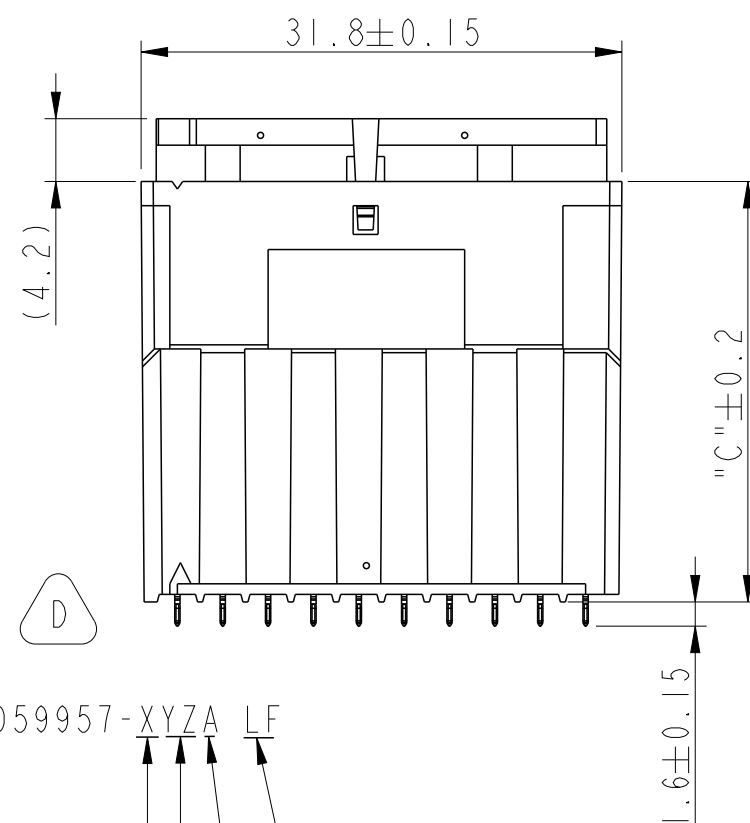
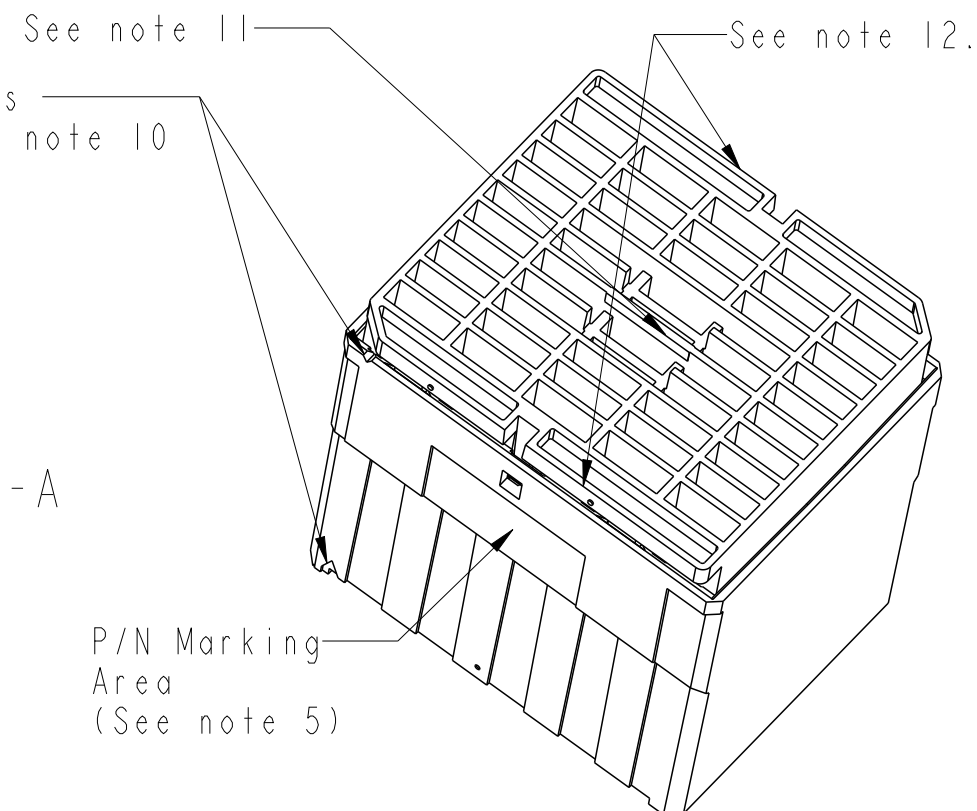
spec ref				dr		Louis Ng		2008/05/08		projection				size		A3		scale		2:1											
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED												ecn no		ELX-S-011204-1													
ISO 406																															
ISO 1101																															
appr												Chen-Hong Tan		2012/04/09		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 1 of 4							

PART NUMBER:
SEE TABLE

Views without protection cover



Triangle indicates position A1. See note 10



** 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

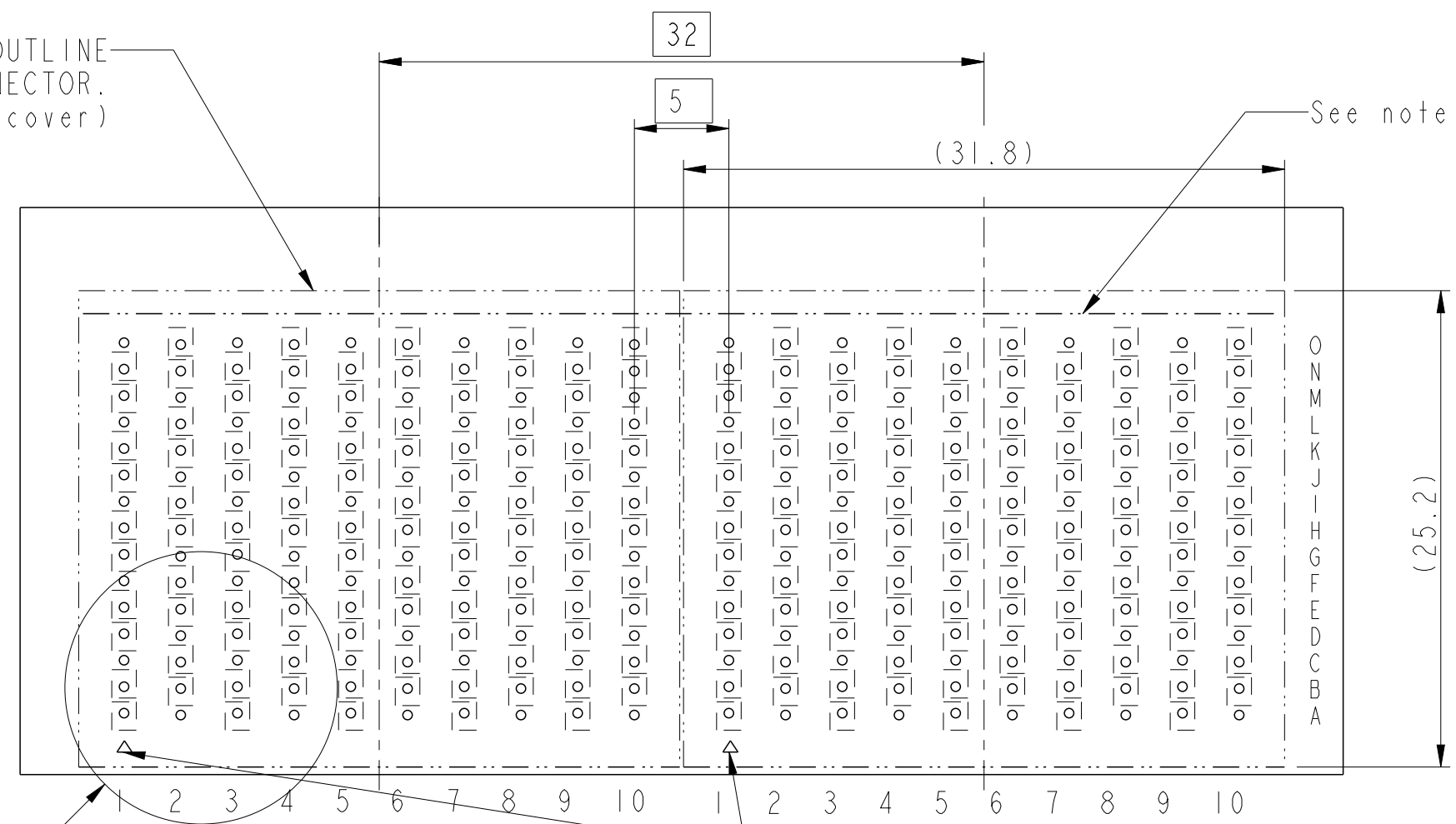
LF: Lead free product (see note 7)
Protection cover, 0 = not present; 1 = present

Stack height, see table

Plating: 1=Telcordia CO 4 GAS, see note 2.

spec ref	dr	Louis Ng	2008/05/08	projection	MM	size	A3	scale	2:1
tolerance std	eng	Matthew Cheong	2012/04/04	chr	-	ecn no	ELX-S-011204-1	rel level	Released
ISO 406	appr	Chen-Hong Tan	2012/04/09	product family	AirMax	rel level	Released	rev	D
ISO 1101	surface	✓	linear	0.X	±	0.XX	±	0.XXX	±
			angular	0°	±°				
				www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4	
				title	VHdr 5Pr, 10 IMLA, 3mm	dwg no	10059957	rev	D
					AirMax Vs Mezzanine				

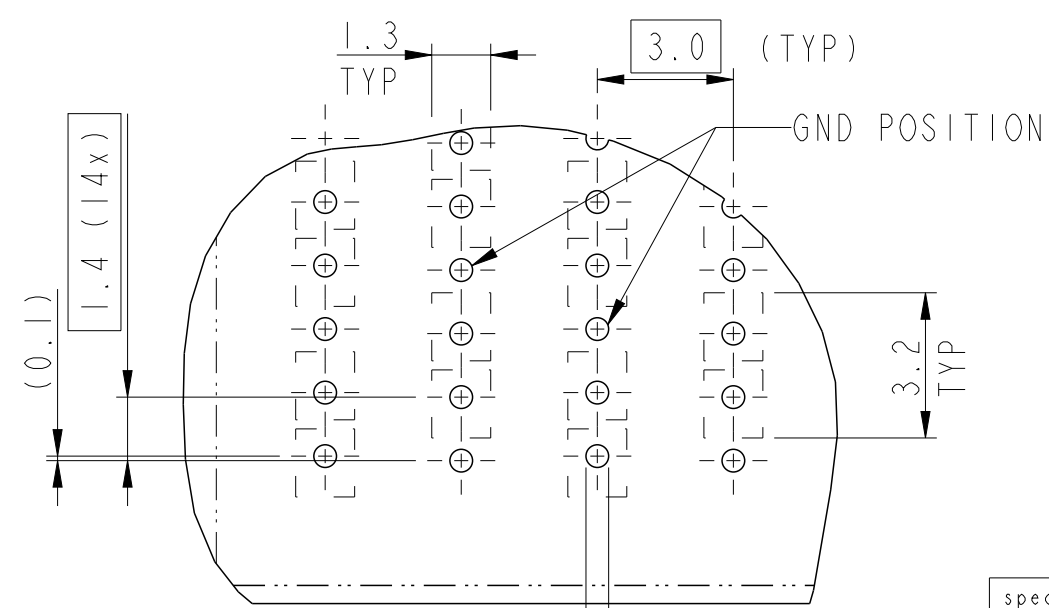
NOMINAL OUTLINE
OF CONNECTOR.
(without protection cover)



SEE DETAIL B

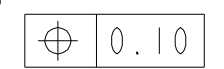
Triangle indicates position A1.

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

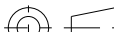


DETAIL B
SCALE 6:1

SEE NOTE 6



ALL HOLES

spec ref			dr	Louis Ng	2008/05/08	projection 	MM 	size	A3	scale	1:1	
tolerance std			eng	Matthew Cheong	2012/04/04			ecn no	ELX-S-011204-1			
ISO 406 ISO 1101			chr	-	-			rel level	Released			
			appr	Chen-Hong Tan	2012/04/09			product family	AirMax			
surface - 	linear	0.X	±		title	VHdr 5Pr, 10 IMLA, 3mm			dwg no	10059957		rev D
		0.XX	±			AirMax Vs Mezzanine						
		0.XXX	±									
	angular	0°	±°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 3 of 4	



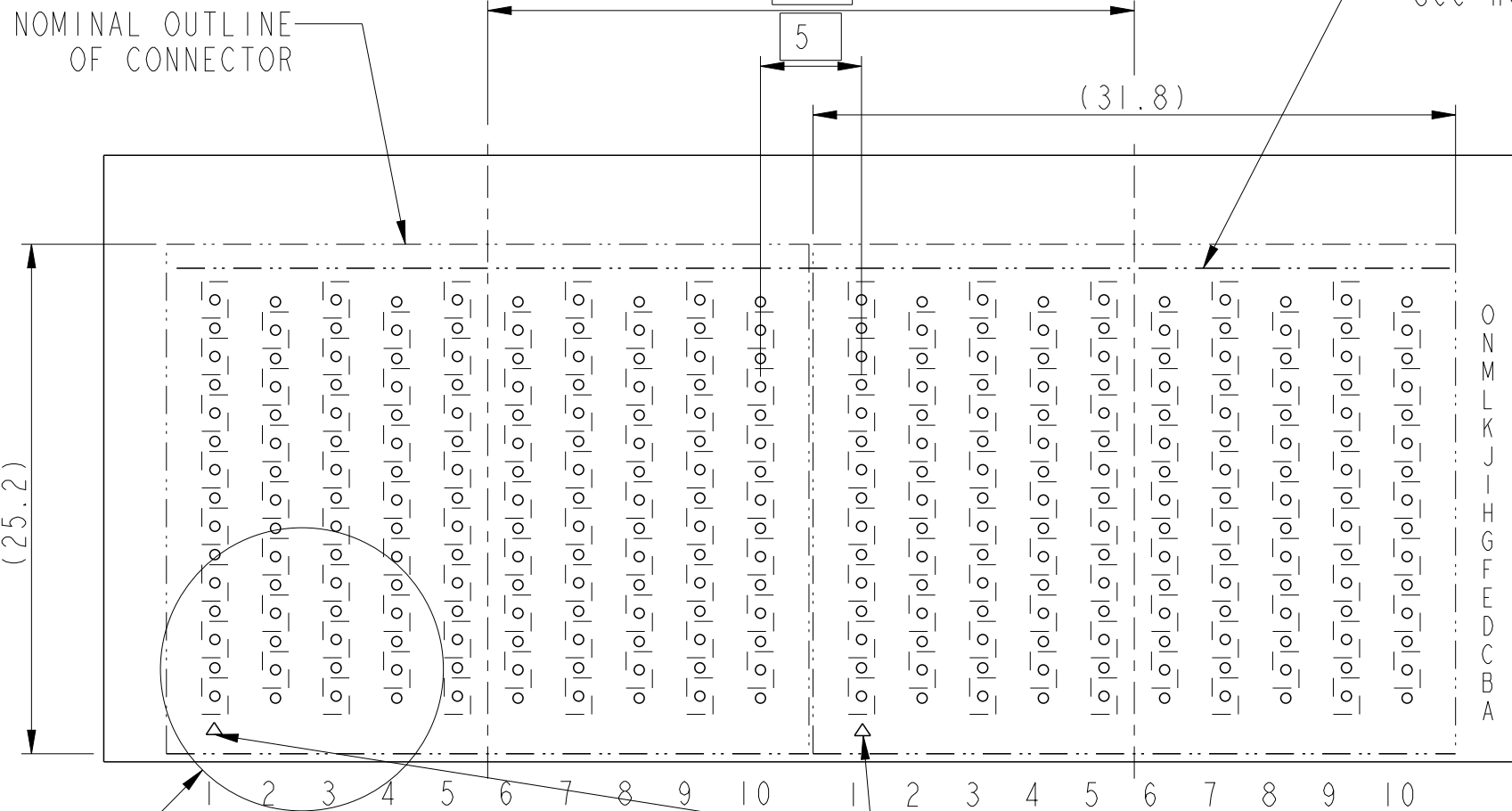
Copyright FCI.



Copyright FCI.

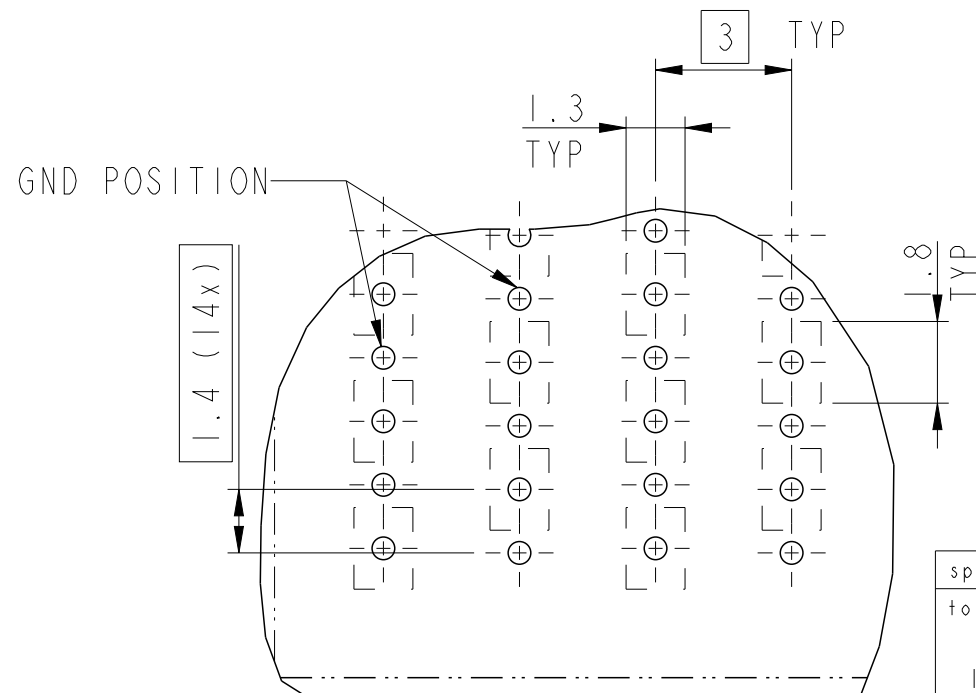
C

D

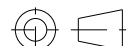


NOTES:

- 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:
Seperate 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.
- 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 and other country regulations as described in GS 22-008.
- 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 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.
- Gripping feature to remove protection cover by standard pliers.
- Gripping feature to remove protection cover by fingers.
- A  symbol will be next to any note, dimension or view which has been modified with the current drawing revision.



DETAIL F
SCALE 6:1

spec ref				dr	Louis Ng	2008/05/08	projection		MM		size	A3	scale	1:1	
tolerance std				eng	Matthew Cheong	2012/04/04					ecn no				ELX-S-011204-1
ISO 406 ISO 1101				chr	-	-					rel level				Released
				appr	Chen-Hong Tan	2012/04/09	product family				AirMax				
surface	- 	linear	0.X	±		title	VHdr 5Pr, 10 IMLA, 3mm AirMax Vs Mezzanine				dwg no	10059957		rev	D
			0.XX	±											
			0.XXX	±											
		angular	0°	±°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 4 of 4			