



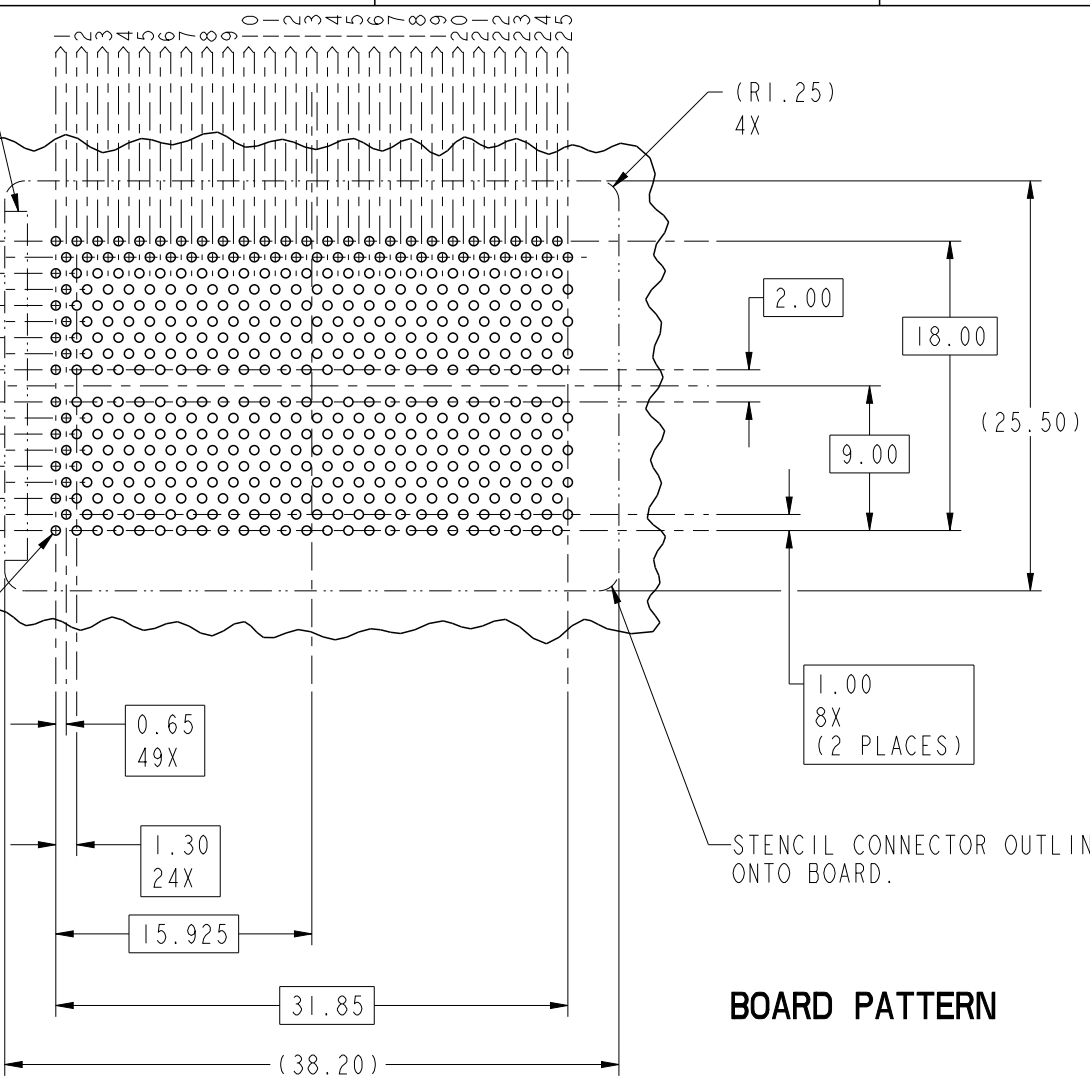
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KEY ORIENTATION SILKSCREEN
(OPTIONAL)

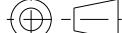



SEE NOTES
4 & 5.

④ CONTACTS IN
ROWS J & K ARE
TIED TOGETHER
(COMMONED)

Ø 0.60
Ø 0.55
Ø 0.10 N
PAD SIZE
450X
SEE NOTE 6



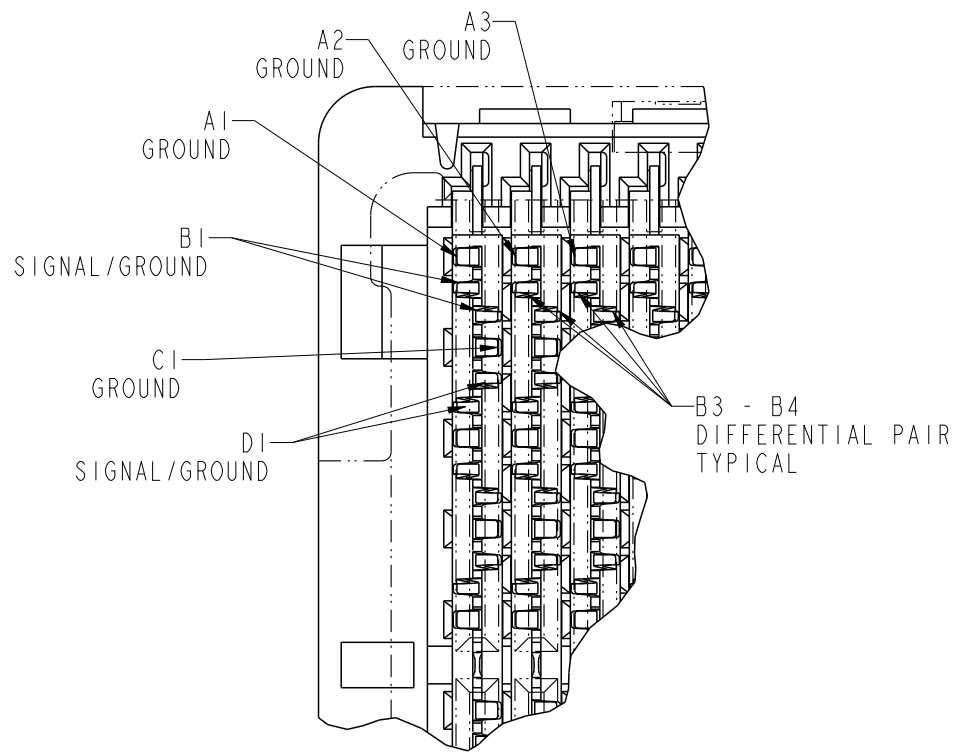
BOARD PATTERN

spec ref -				dr Bill Lin 2010/02/02		projection 	mm 	size A4	scale 21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/21				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array									
surface 	linear	0.X	±0.30		title GIG-Array - 5mm RECEPTACLE ASSY. 200 SIG. POS.	dwg no 10069344	rev D		
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 2 of 5

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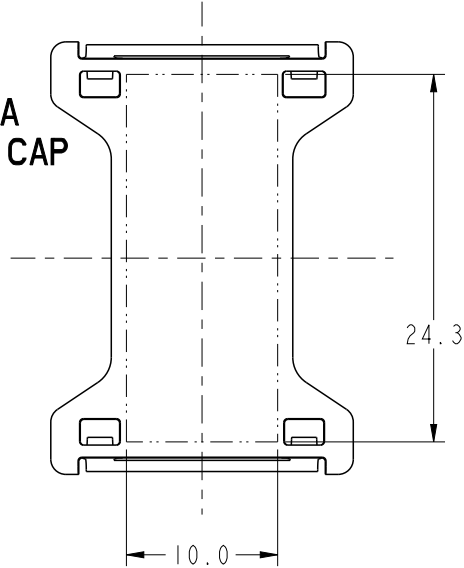
RECEPTACLE INTERFACE
DESCRIPTION

SCALE 6:1

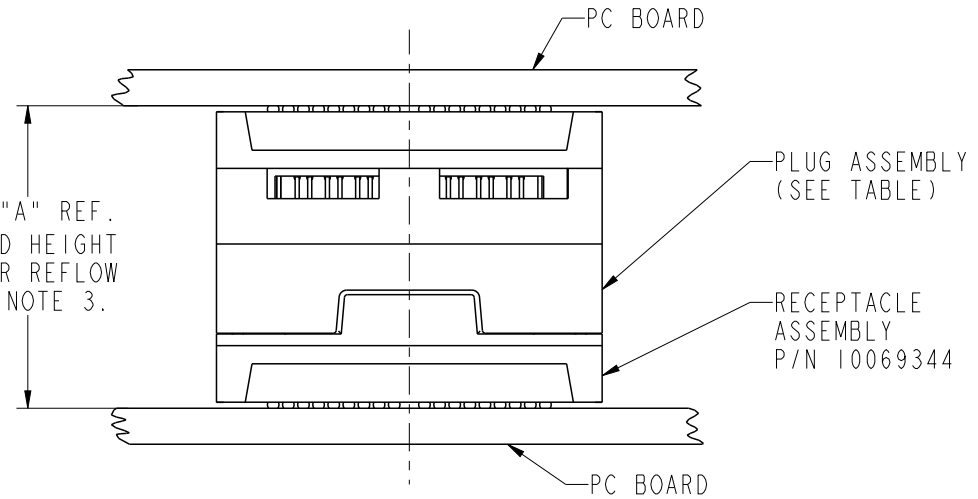
spec ref -				dr Bill Lin 2010/02/02		<div>projection</div> <div></div>	<div>mm</div> <div></div>	size A4	scale 21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/21				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array		rev							
surface	linear	0.X	±0.30		title GIG-Array - 5mm RECEPTACLE ASSY. 200 SIG. POS.			dwg no 10069344	D
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°						
www.fci.com				cat. no.		Product - Customer Drw			sheet 3 of 5

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FLAT AREA
FOR PICK-UP CAP
SCALE 2:1

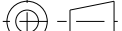





DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
15	55737
17	10026802
18	10055142
20	55738
25	55739
30	10054783

spec ref		-		dr	Bill Lin	2010/02/02	<div>projection</div> <div></div> <div><div>mm</div><div></div></div>	size	A4	scale	11:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/21		ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24					
				appr	Pei-Ming Zheng	2011/06/27					
surface <div></div> -	linear	0.X	±0.30	<div></div>	title GIG-Array - 5mm RECEPTACLE ASSY. 200 SIG. POS.			dwg no	10069344		rev D
		0.XX	±0.10								
		0.XXX	±0.05								
		angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw			sheet 4 of 5

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10069344-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10069344-001LF	LEADFREE	
10069344-201	STANDARD (EUTECTIC)	
10069344-201LF	LEADFREE	

Au over Ni

NOTES:

① MATERIAL:

HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDERBALL: (SEE TABLE) EUTECTIC
SnPb OR LEAD FREE 95.5 Sn/4Ag/0.5Cu.

② SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

③ MATED HEIGHT EFFECTED BY CUSTOMERS' PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE & SOLDER PASTE.

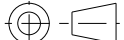


④ CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T ARE SINGLE BEAM CONTACTS USED AS GROUND PINS. (NOTE: CONTACTS IN ROWS J & K ARE TIED TOGETHER [COMMONED])

⑤ CONTACTS IN ROWS B,D,F,H,L,N,Q AND S ARE DUAL BEAM CONTACTS, TYPICALLY USED AS SIGNAL PINS.

⑥ SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FUDICIAL MARKS OR PCB DATUMS SHALL BE DEFINED BY CUSTOMER. FOR RECOMMENDED PRODUCT APPLICATION AND PCB DESIGN DETAILS, SEE DOC. NO. GS-20-016.

⑦ FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033. LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEADFREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.

⑧ THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

spec ref		-		dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	21:10
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/06/21	ecn no			ELX-DG-003943-1			
			chr	Alex Cao	2011/06/24							
			appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array		rel level		Released
surface	✓	linear	0.X	±0.30		title	GIG-Array - 5mm RECEPTACLE	dwg no	10069344		rev	D
			0.XX	±0.10								
			0.XXX	±0.05								
-		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw			sheet 5 of 5		

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