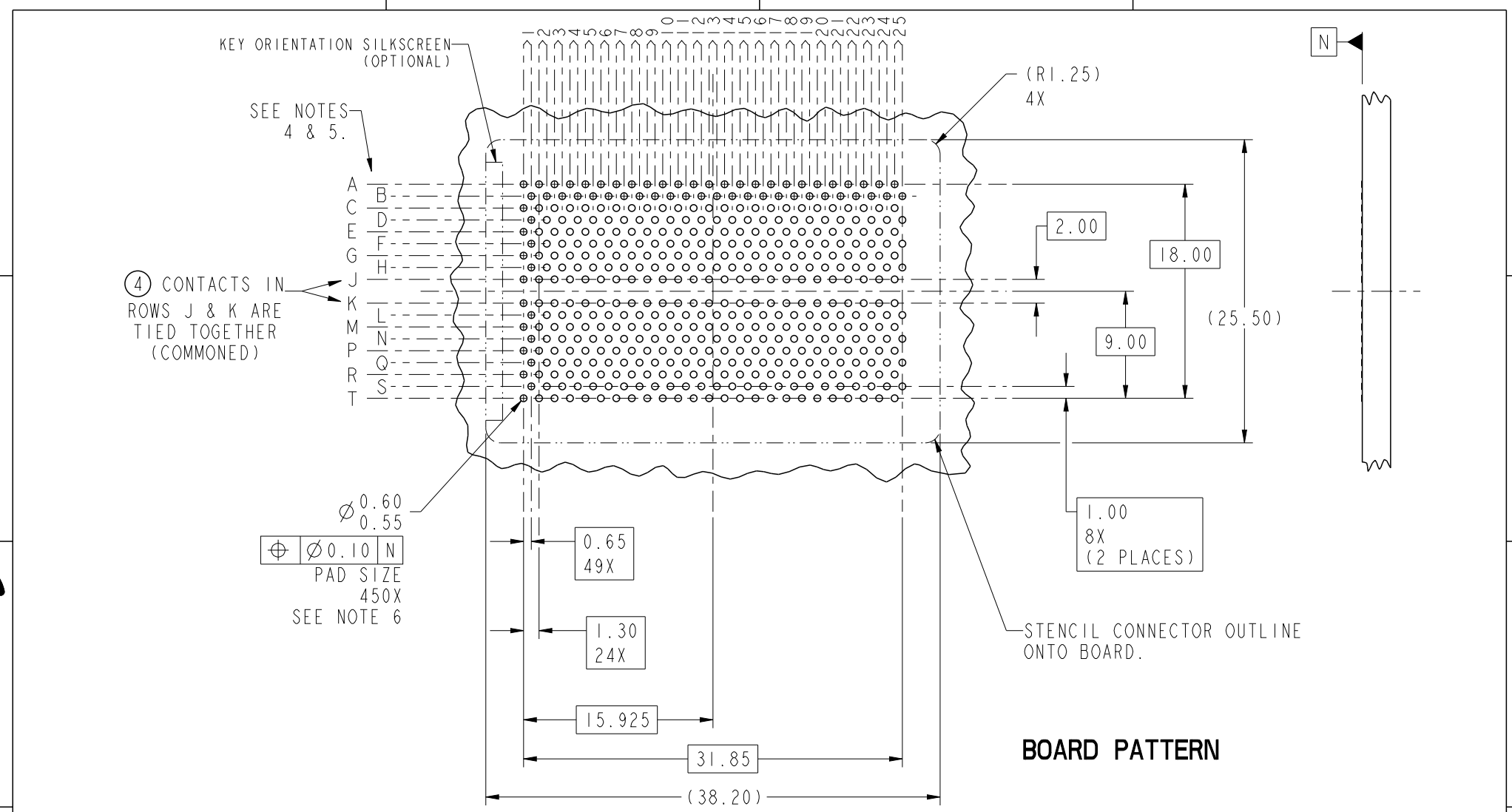
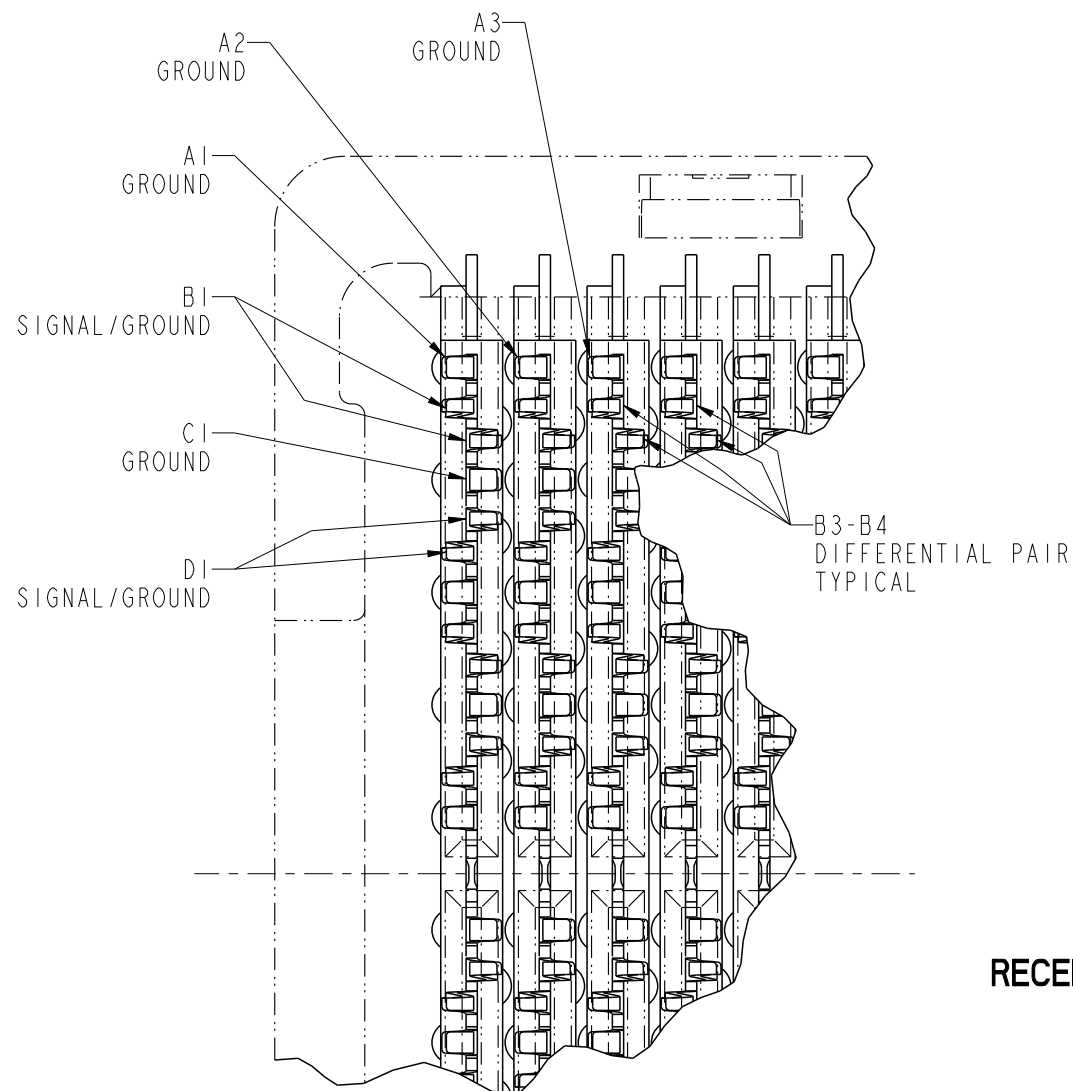




Copyright FCI.



spec ref *				dr Bill Lin 2010/02/02		<div>projection</div> <div></div>	<div>mm</div> <div></div>	size <div>A4</div>	scale <div>1:10</div>	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/09				ecn no ELX-DG-003943-1		
				chr Alex Cao 2011/06/24				rel level Released		
				appr Pei-Ming Zheng 2011/06/27				product family <div>GIG-Array</div>		
surface <div>✓</div> -	linear	0.X	±0.30		title <div>GIG-Array</div> <div>5mm RECP. ASSY. 200 SIG. POS.</div>	dwg no <div>55740</div>	rev <div>G</div>			
		0.XX	±0.10							
		0.XXX	±0.05							
	angular	0°	±2°	www.fci.com	cat. no. *	Product - Customer Drw			sheet 2 of 5	

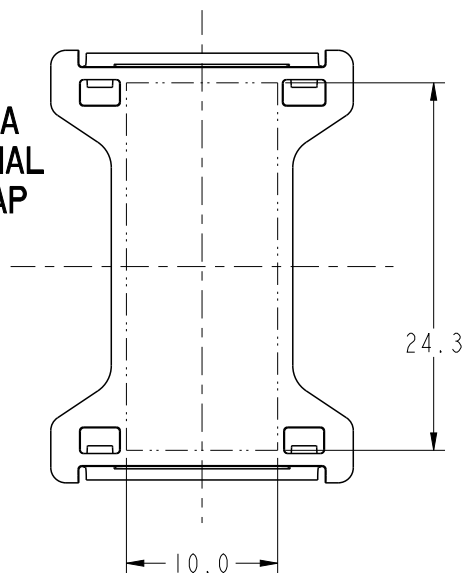


RECEPTACLE INTERFACE DESCRIPTION

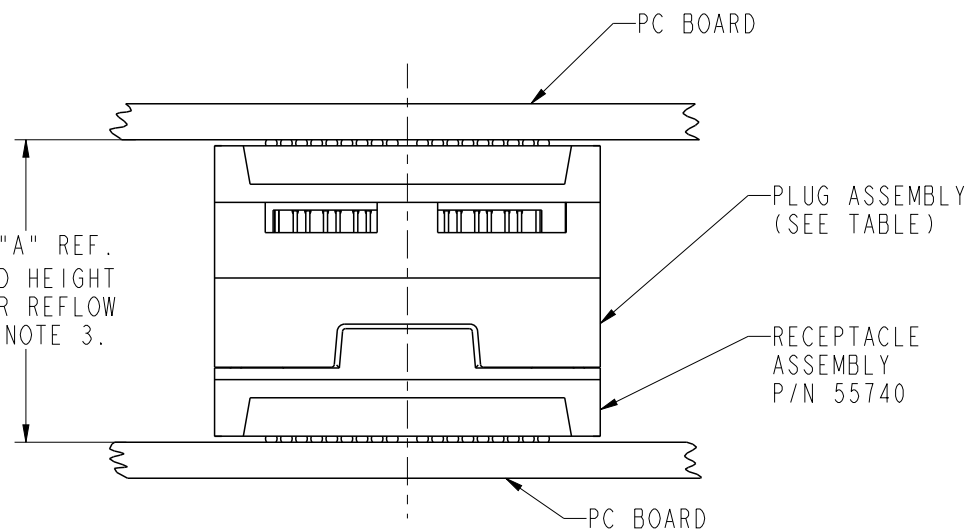
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tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/09			ecn no		ELX-DG-003943-1								
						chr		Alex Cao	2011/06/24			rel level		Released								
						appr		Pei-Ming Zheng	2011/06/27	product family		GIG-Array										
surface		✓		linear		0.X		±0.30		FCI		title		GIG-Array		dwg no		55740		rev		G
						0.XX		±0.10						5mm RECP. ASSY. 200 SIG. POS.								
						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 OPTIONAL
PICK-UP CAP
SCALE 2:1

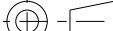




DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
15	55737
17	10026802
18	10030626
20	55738
25	55739
30	10054783

spec ref	*			dr	Bill Lin	2010/02/02	<div>projection</div> <div></div>	<div>mm</div> <div></div>	size	A4	scale	11:10	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			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 RECP. ASSY. 200 SIG. POS.			dwg no	55740		rev	G
		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
55740-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
55740-001LF	LEADFREE	
55740-201	STANDARD (EUTECTIC)	
55740-201LF	LEADFREE	

NOTES:

① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): SEE TABLE.
UL RATING: 94 V-0
SOLDBALL: (SEE TABLE) EUTECTIC
SnPb OR LEAD FREE 95.5 Sn/4Ag/0.5Cu.

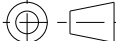


② SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

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,
TYPICALLY 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 POSTION.

spec ref		*		dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	11:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24						
				appr	Pei-Ming Zheng	2011/06/27						
surface ✓ -	linear	0.X	±0.30		title GIG-Array 5mm RECP. ASSY. 200 SIG. POS.				dwg no	55740		rev G
		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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