



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

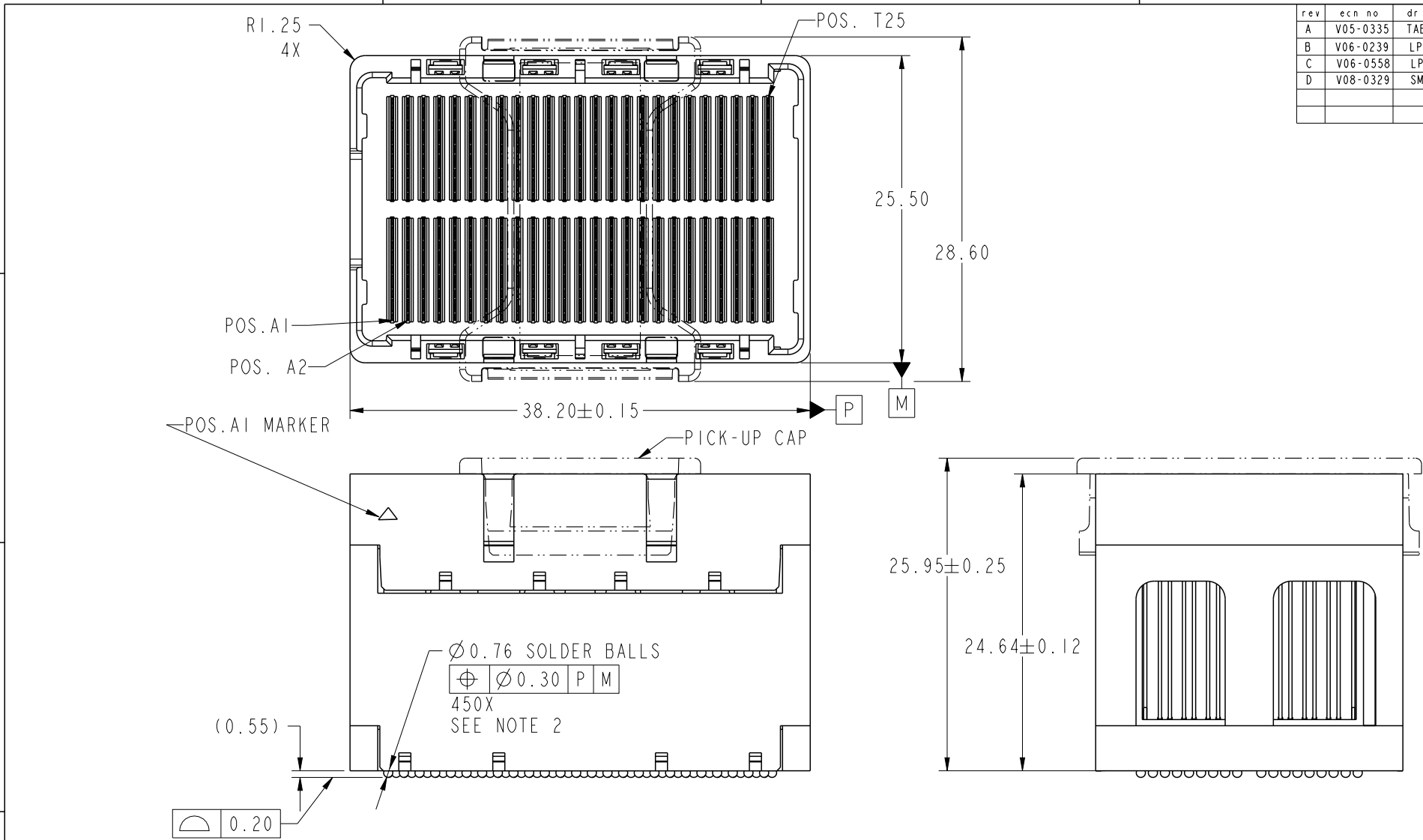
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rev	ecn no	dr	date
A	V05-0335	TAB	2005-04-19
B	V06-0239	LP	2006-03-27
C	V06-0558	LP	2006-06-21
D	V08-0329	SM	2008-11-15



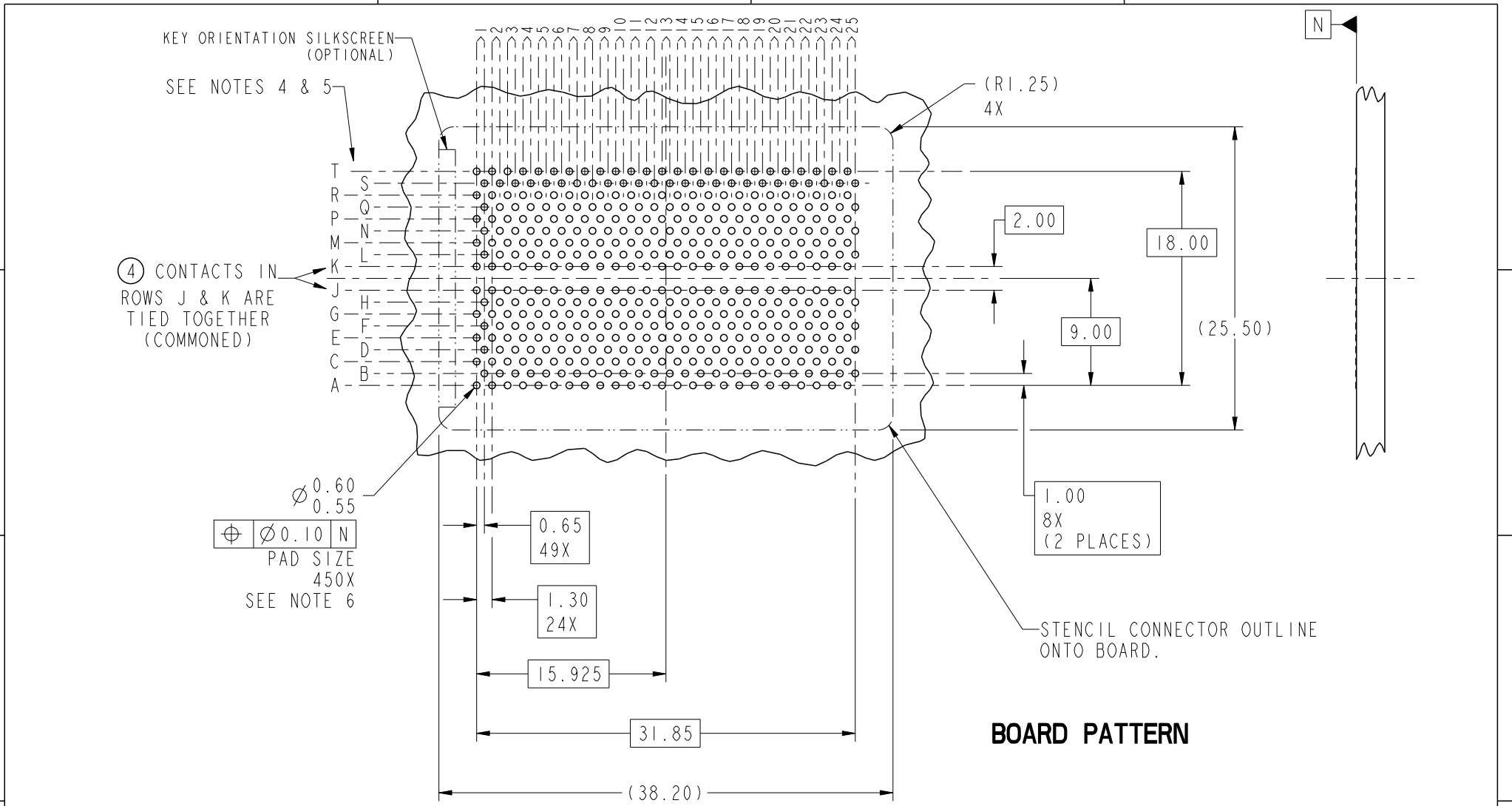
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spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/05/26			ecn no		ELX-DG-003943-1	
		chr	Alex Cao	2011/06/24			rel level		Released	
surface	✓	appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array		rev	
				title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.		dwg no 10054783		E		
		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 5		

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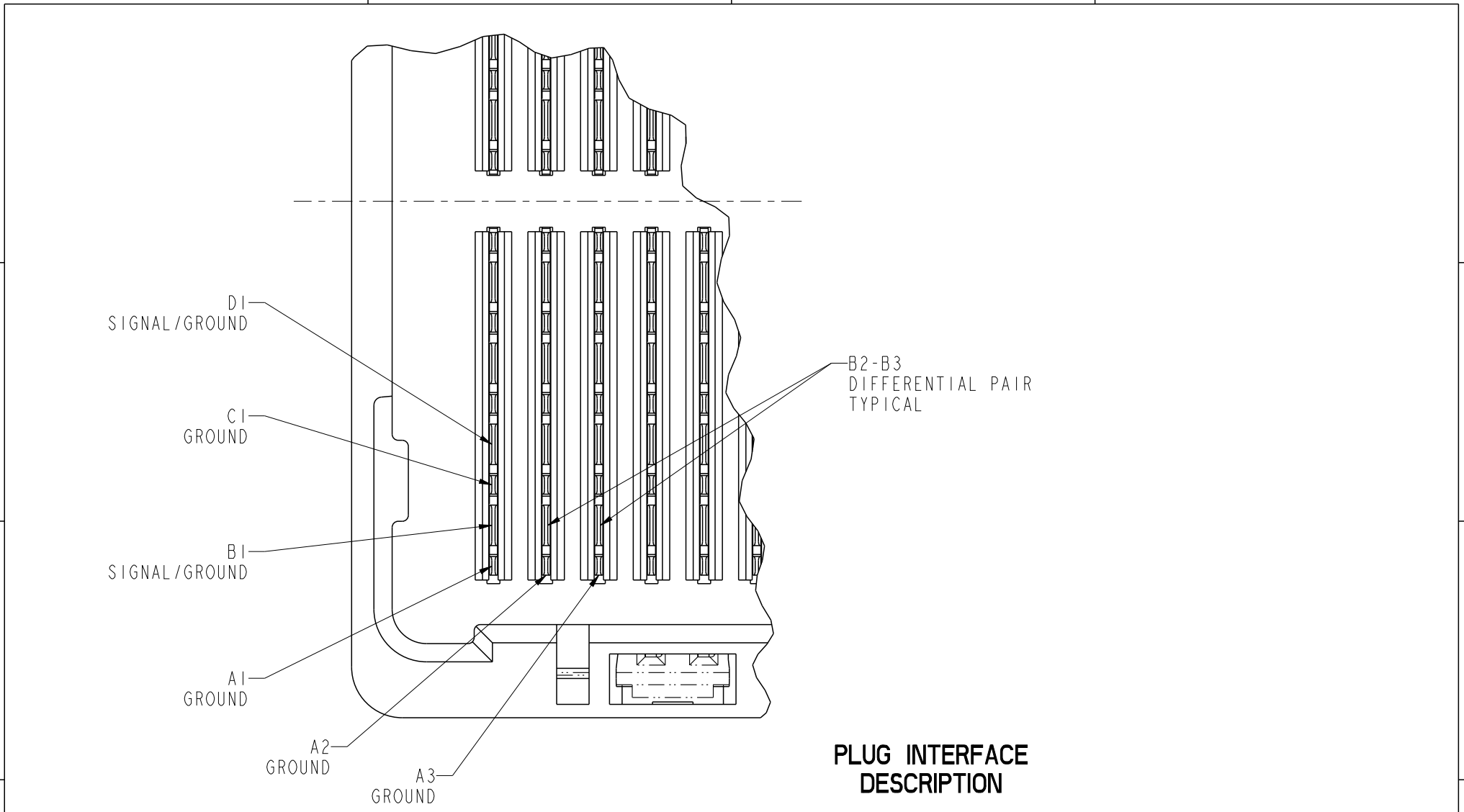
**BOARD PATTERN**

spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1												
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/05/26			ecn no		ELX-DG-003943-1													
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Alex Cao	2011/06/24			rel level		Released													
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.30</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.05</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.30		0.XX	±0.10		0.XXX	±0.05	angular	0°	±2°	appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array		rev	E
linear	0.X	±0.30																				
	0.XX	±0.10																				
	0.XXX	±0.05																				
angular	0°	±2°																				
					title		GIG-Array		10054783													
		www.fci.com			cat. no.		Product - Customer Drw		sheet 2 of 5													

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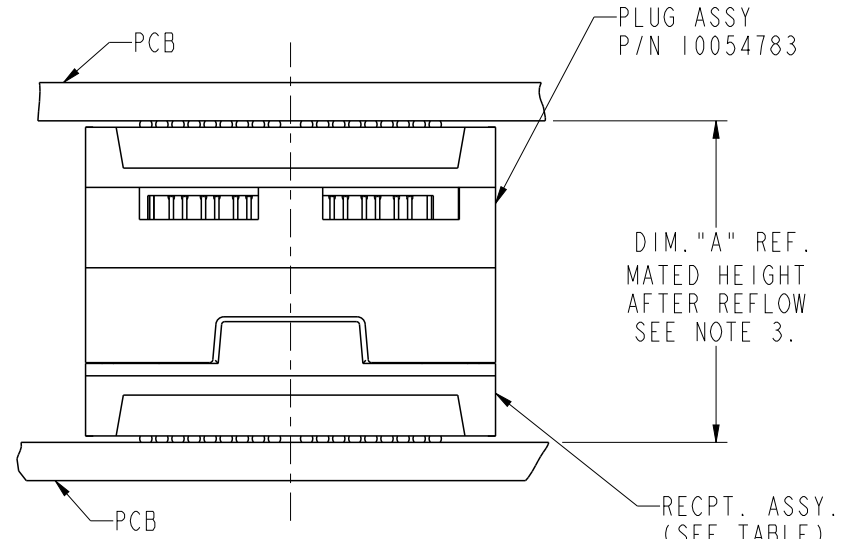
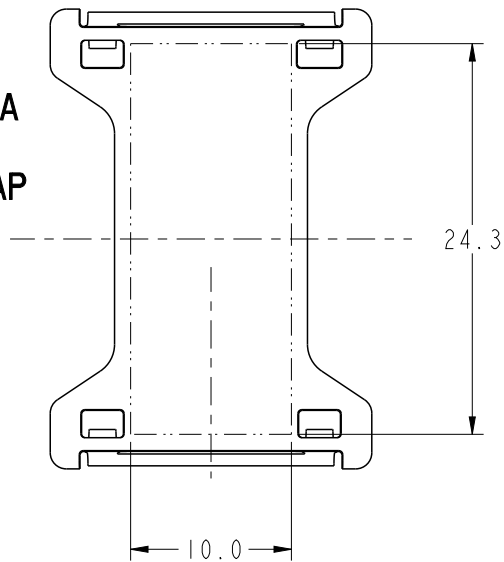
**PLUG INTERFACE DESCRIPTION**

spec ref	*	dr	Bill Lin	2010/02/02	projection	mm ←→	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/05/26			ecn no	ELX-DG-003943-1			
ASME Y14.5		chr	Alex Cao	2011/06/24				product family	GIG-Array		
-		appr	Pei-Ming Zheng	2011/06/27		rel level			Released		
surface	✓	linear	0.X	±0.30		title	GIG-Array	dwg no	10054783	rev	
-			0.XX	±0.10							cat. no.
	angular	0°	±2°	www.fci.com	*						

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FLAT AREA  
FOR  
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
30	55740
35	10026010
40	55741

NOT TOOLED

spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/05/26			ecn no	ELX-DG-003943-1						
ASME Y14.5		chr	Alex Cao	2011/06/24				product family	GIG-Array	rel level	Released			
-		appr	Pei-Ming Zheng	2011/06/27							product family	GIG-Array	rel level	Released
surface	linear	0.X	±0.30		title	GIG-Array	dwg no	10054783	rev	E				
-	angular	0.XX	±0.10								www.fci.com	cat. no.	Product - Customer Drw	sheet 4 of 5
		0.XXX	±0.05											
	angular	0°	±2°											

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10054783-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10054783-001LF	LEADFREE	

**NOTES:**

- ① MAT'L:  
HOUSING: LCP  
CONTACT: COPPER ALLOY  
PLATING (CONTACT): Au OVER Ni.  
UL RATING: 94 V-0  
SOLDER BALL: (SEE TABLE) EUTECTIC SnPb OR LEADFREE 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 LEADFREE 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 HTE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.



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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/05/26			ecn no	ELX-DG-003943-1		
ASME Y14.5		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	10054783	rev
-			0.XX	±0.10						
-			0.XXX	±0.05						
-	angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw	sheet 5 of 5		