



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

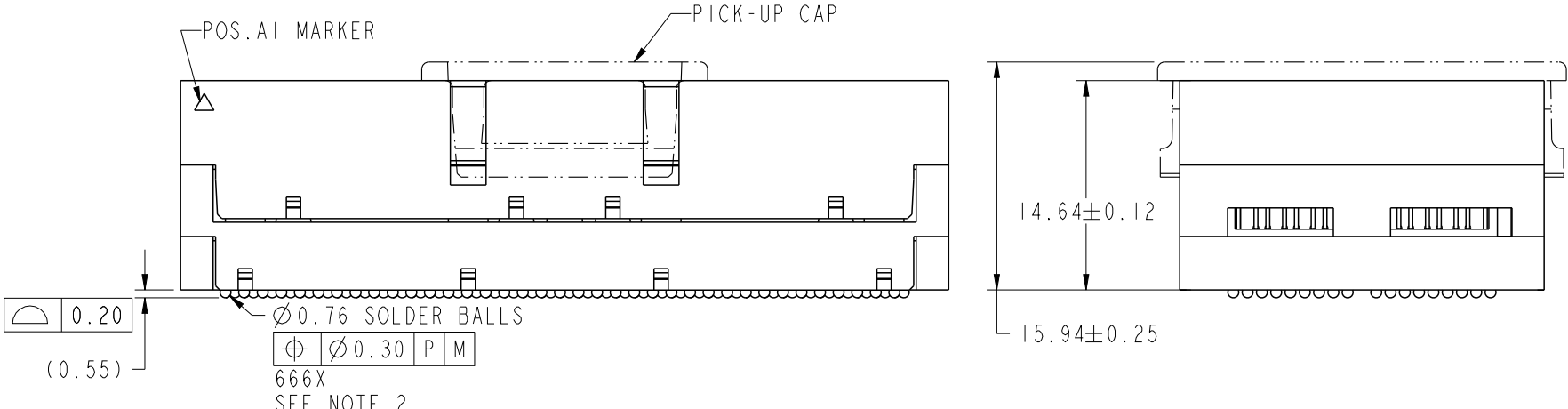
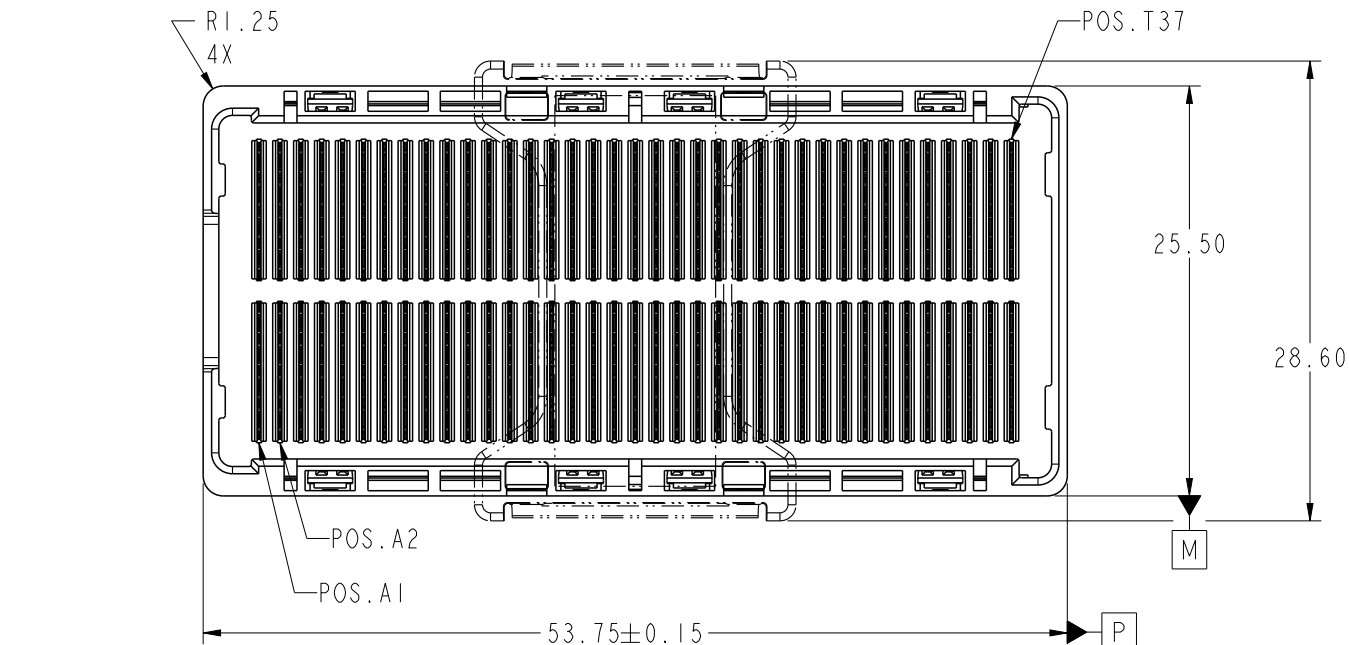
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

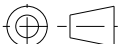


Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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rev	ecn no	dr	date
A	V20428	LRJ	2002-03-11
B	V03-0427	TAB	2003-14-15
C	V03-0663	TAB	2003-06-12
D	V05-0052	VS	2005-10-14
E	V06-0558	LP	2006-06-12
F	V07-0438	LP	2007-07-02
G	V08-0329	SM	2008-11-14

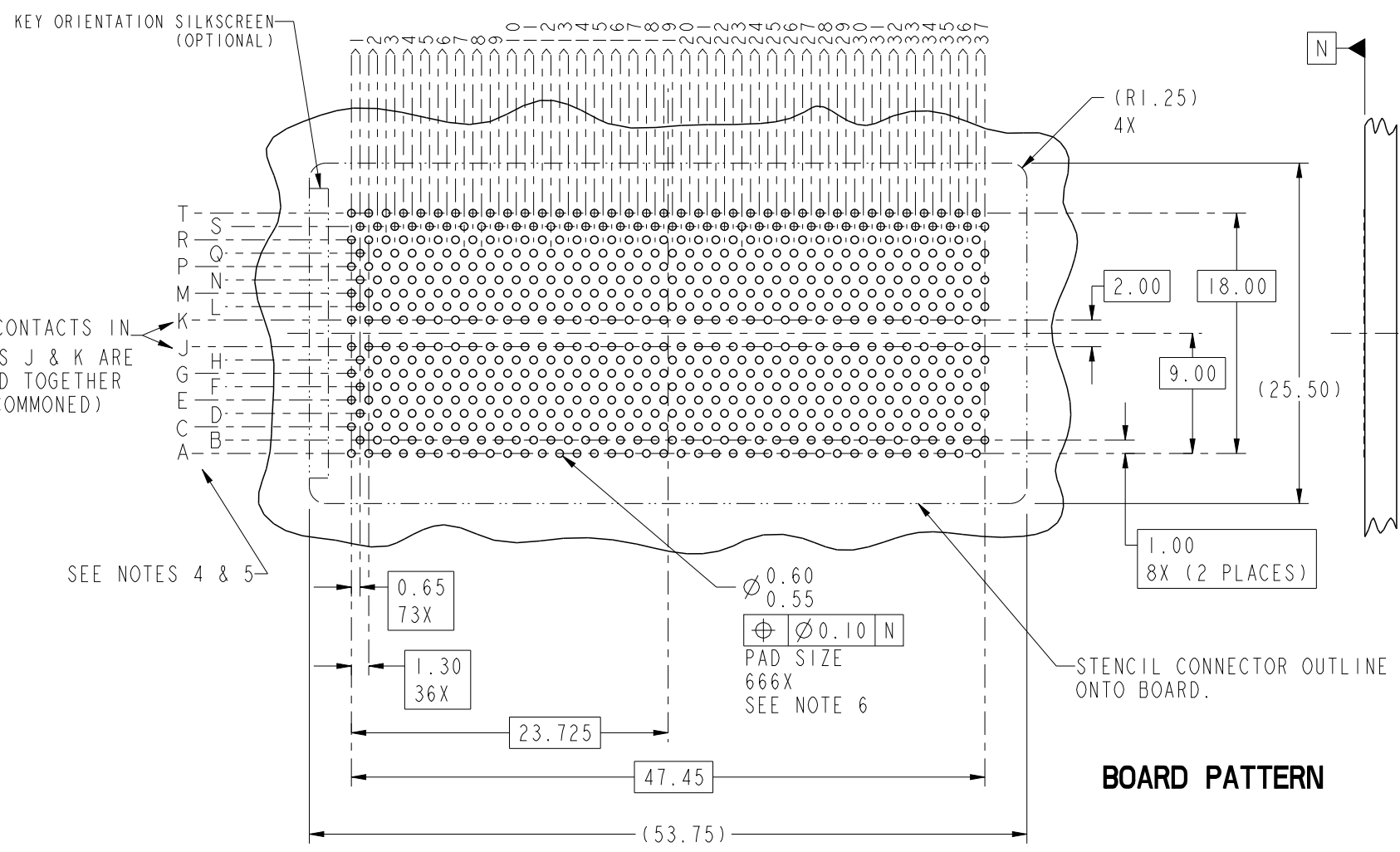


spec ref		-		dr		Bill Lin	2010/02/02		projection				mm				size		A4	scale		11:10
tolerance std		ASME Y14.5		eng		Nickor Zuo	2011/06/02		product family		GIG-Array		ecn no		ELX-DG-003943-1							
-		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Alex Cao	2011/06/24						rel level		Released							
				appr		Pei-Ming Zheng	2011/06/27															
surface		✓		linear		0.X		±0.30				title		GIG-Array		dwg no		55700		rev		H
						0.XX		±0.10														
						0.XXX		±0.05														
-				angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 5						

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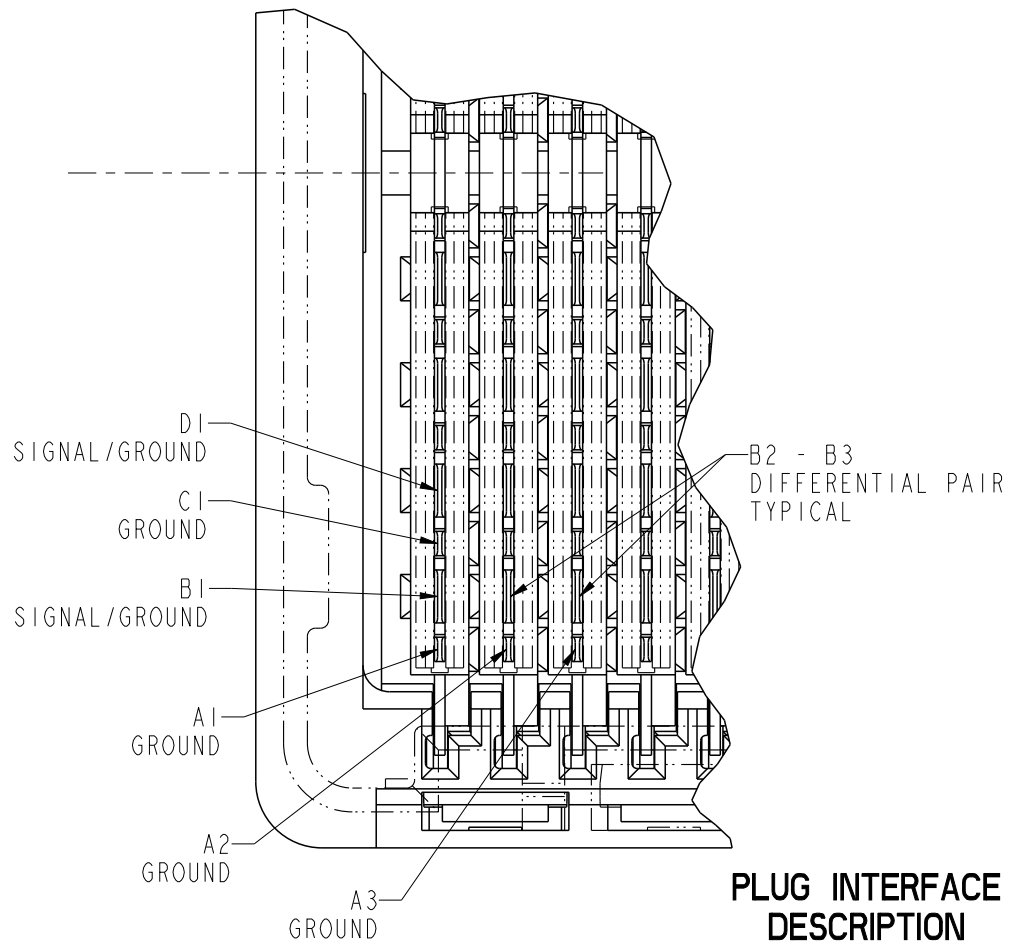


spec ref -				dr Bill Lin		2010/02/02		projection		mm		size A4		scale 11:10															
tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo		2011/06/02						ecn no ELX-DG-003943-1															
						chr Alex Cao		2011/06/24						rel level Released															
						appr Pei-Ming Zheng		2011/06/27						product family GIG-Array															
surface ✓ -		linear		0.X ±0.30		0.XX ±0.10		0.XXX ±0.05				title GIG-Array 15mm PLUG ASSY. 296 SIG. POS.		dwg no 55700		rev H													
																		angular		0° ±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 5	

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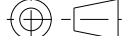
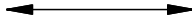




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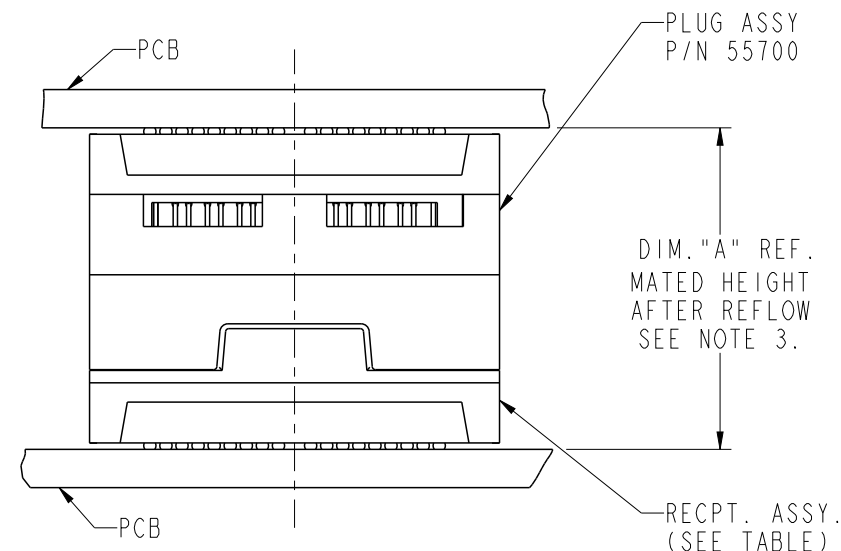
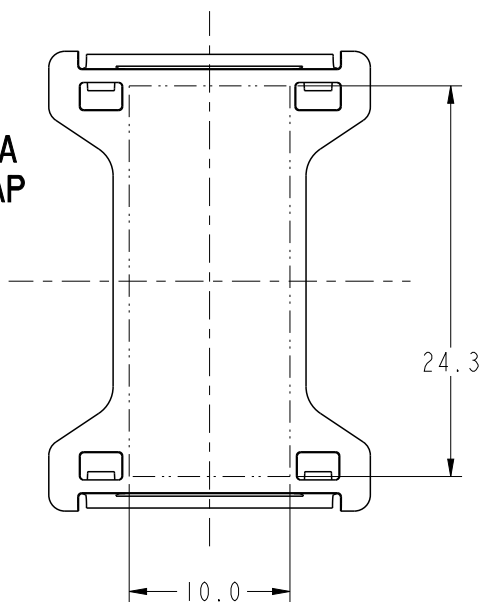
PLUG INTERFACE DESCRIPTION

SCALE 7:1

spec ref -				dr Bill Lin 2010/02/02		projection 	mm 	size A4	scale 37:5
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/02				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface 	linear	0.X	±0.30		title GIG-Array 15mm PLUG ASSY. 296 SIG. POS.			dwg no 55700	rev H
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						

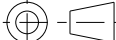


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FLAT AREA
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
20	55701
30	55733

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		2011/06/02						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		dwg no		55700		rev	
				0.XX		±0.10													
				0.XXX		±0.05													
				www.fci.com		cat. no.		Product - Customer Drw				sheet 4 of 5				H			



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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
55700-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
55700-001LF	LEADFREE	
55700-201	STANDARD (EUTECTIC)	
55700-201LF	LEADFREE	

NOTES:

- ① MATERIAL:
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.

NOTES CONTINUED

- 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 WITH THIS DIRECTIVE IS
IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH
PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

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 2011/06/02				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 15mm PLUG ASSY. 296 SIG. POS.	dwg no 55700	rev H		
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°	www.fci.com	cat. no.				Product - Customer Drw