



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!



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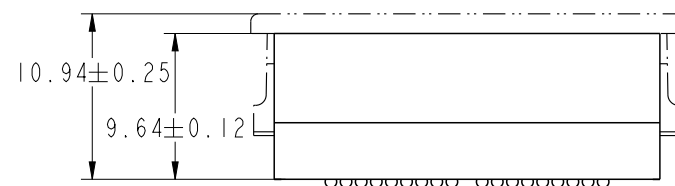
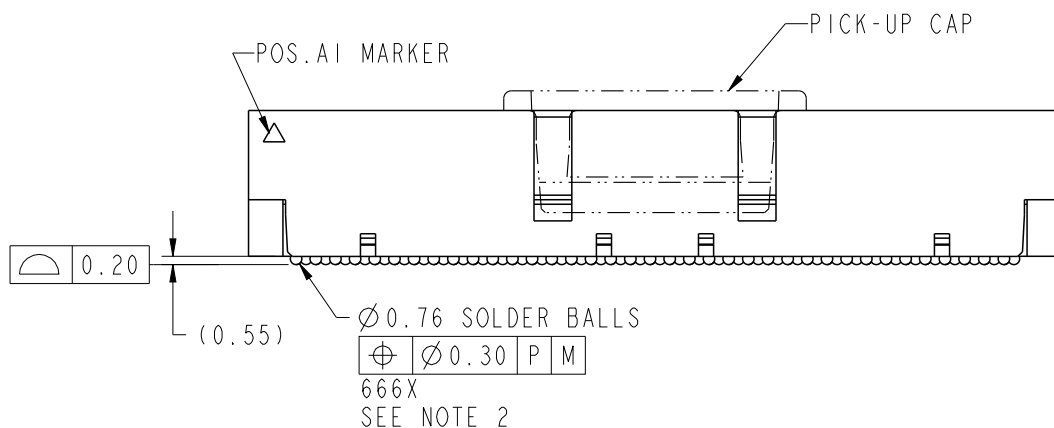
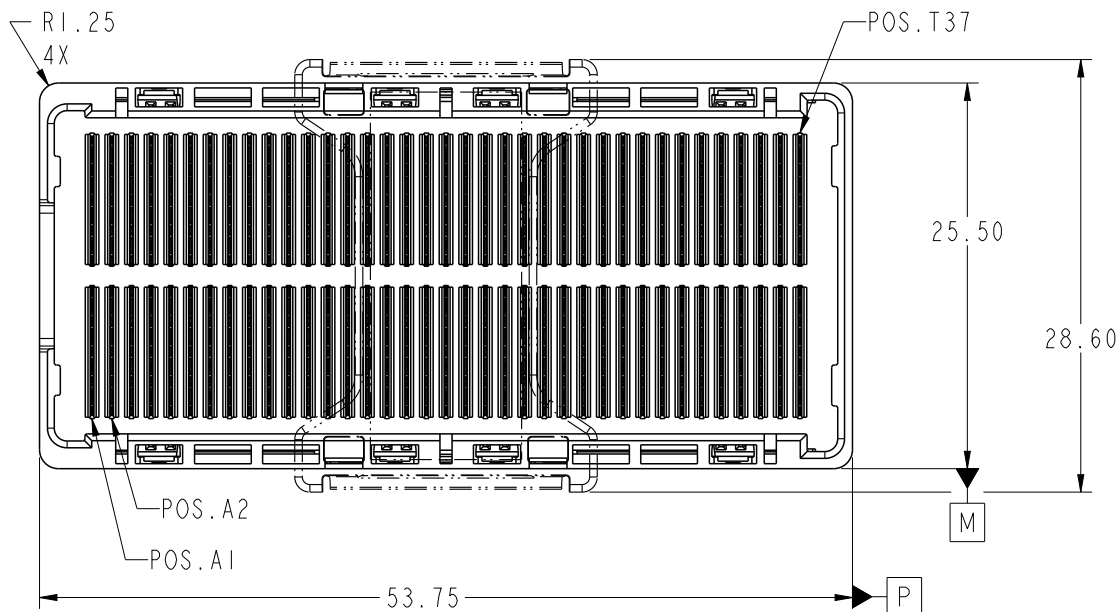
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C	V03-0663	TAB	2003-06-12
D	V06-0052	VS	2005-10-14
E	V06-0558	LP	2006-06-12
F	V07-0440	LP	2007-07-05
G	V08-0198	HTB	2008-04-28

A

B

A

B



C

D

spec ref -				dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	1:1	
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			ecn no	ELX-DG-003943-1			
				chr	Alex Cao	2011/06/24			product family	GIG-Array	rel level	Released	
				appr	Pei-Ming Zheng	2011/06/27							
surface 3.2 	linear	0.X	±0.30		title	GIG-Array 10mm PLUG ASSY. 296 SIG. POS.			dwg no	55720		rev	J
		0.XX	±0.10										
		0.XXX	±0.05										
	ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 1 of 5		

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2

3

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D



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D

KEY ORIENTATION SILKSCREEN
(OPTIONAL)

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

SEE NOTES 4 & 5

T
R
P
M
K
J
G
E
C
A

S
Q
N
L
H
F
D
B

0-234567890-234567890-234567890-234567890

(R1.25)
4X

2.00

18.00

9.00

(25.50)

1.00
8X (2 PLACES)

0.65
73X

1.30
36X

23.725

47.45

(53.75)

Ø 0.60
Ø 0.55

Ø 0.10 N

PAD SIZE
666X
SEE NOTE 6

STENCIL CONNECTOR OUTLINE
ONTO BOARD.

BOARD PATTERN

N

spec ref		-		dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Nickor Zuo	2011/06/09			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	3.2	linear	0.X	±0.30		title	GIG-Array			dwg no	55720		rev	J
			0.XX	±0.10										
			0.XXX	±0.05										
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 2 of 5		

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2

3

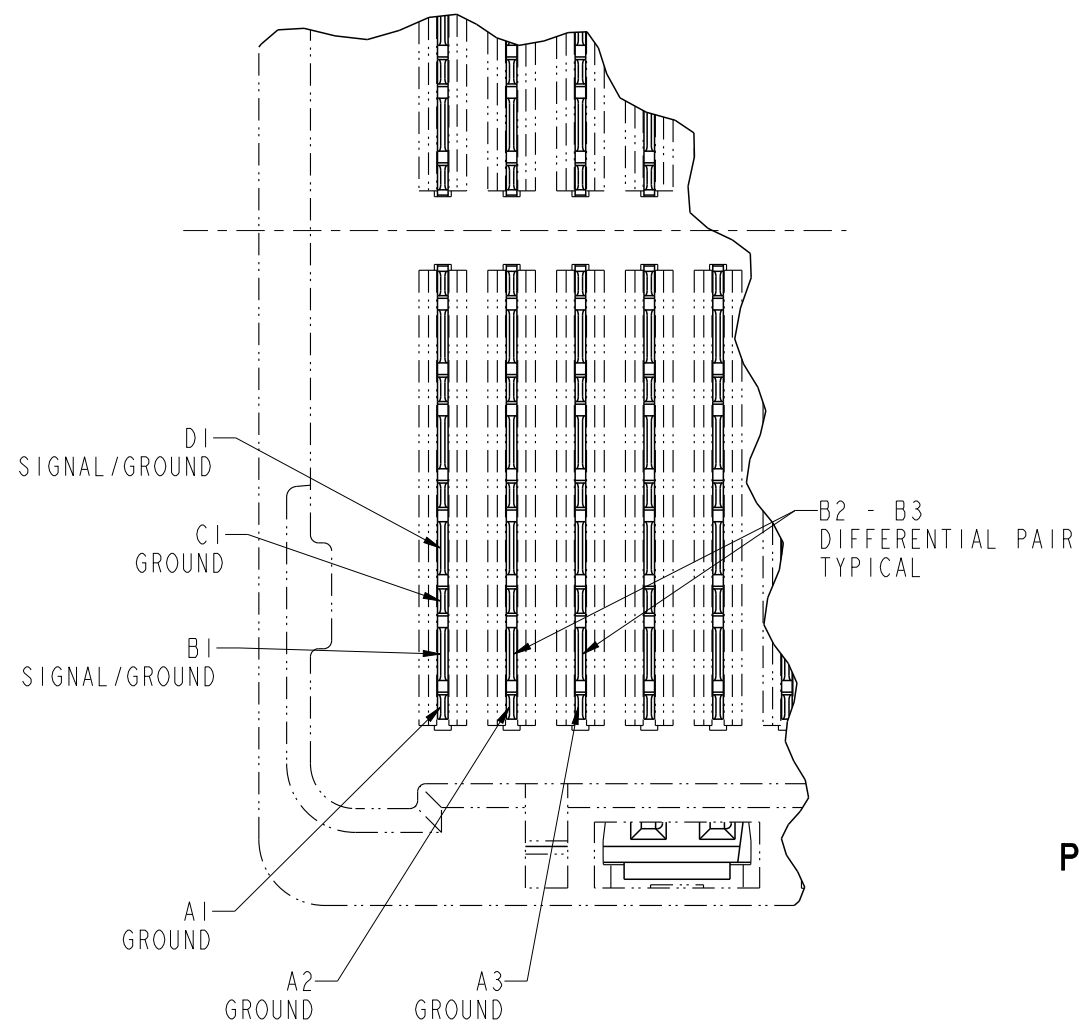
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STATUS:Released

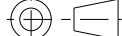
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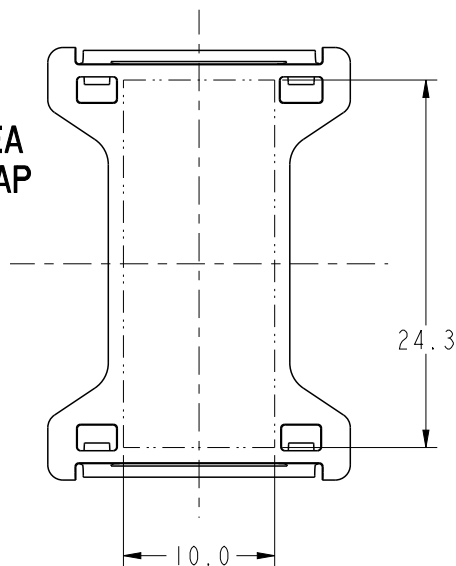


PLUG INTERFACE DESCRIPTION

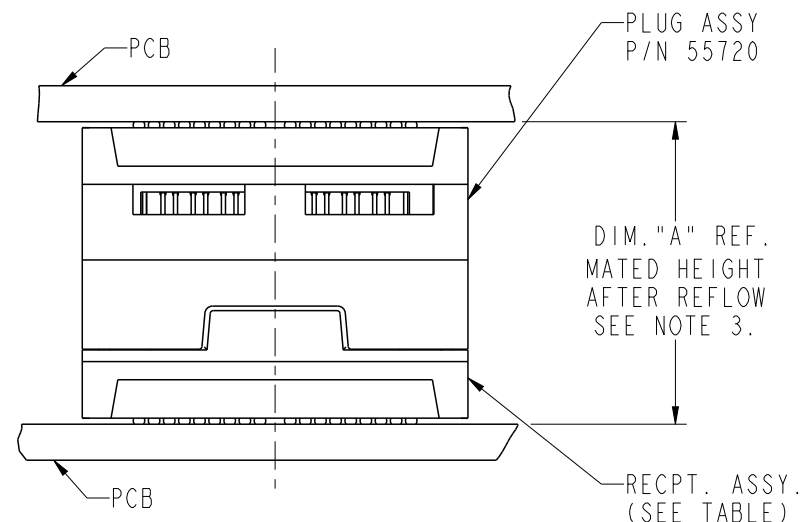
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo		2011/06/09						ecn no ELX-DG-003943-1			
-						chr Alex Cao		2011/06/24						rel level Released			
-						appr Pei-Ming Zheng		2011/06/27						product family GIG-Array			
surface 3.2		linear		0.X		±0.30				title GIG-Array		dwg no 55720		rev J			
		0.XX		±0.10													
		0.XXX		±0.05													
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 3 of 5	

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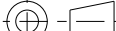
FLAT AREA PICK-UP CAP



END VIEW OF MATED CONNECTORS



DIM. "A"	RECPT. ASSY. P/N
15	55701
25	55733

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tolerance std - -	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 3.2 ASME Y14.5	linear	0.X	±0.30		title GIG-Array 10mm PLUG ASSY. 296 SIG. POS.				dwg no	55720		rev J
		0.XX	±0.10									
		0.XXX	±0.05									
	angular	0°	±2°									



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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
55720-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
55720-001LF	LEADFREE	
55720-201	STANDARD (EUTECTIC)	
55720-201LF	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	projection	mm	size	A4	scale	1:1	
tolerance std	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
surface	3.2	linear	0.X	±0.30		title	GIG-Array		dwg no	55720		rev	J
			0.XX	±0.10									
			0.XXX	±0.05									
	ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 5 of 5			

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Printed: Jun 27, 2011