

Excellent Integrated System Limited

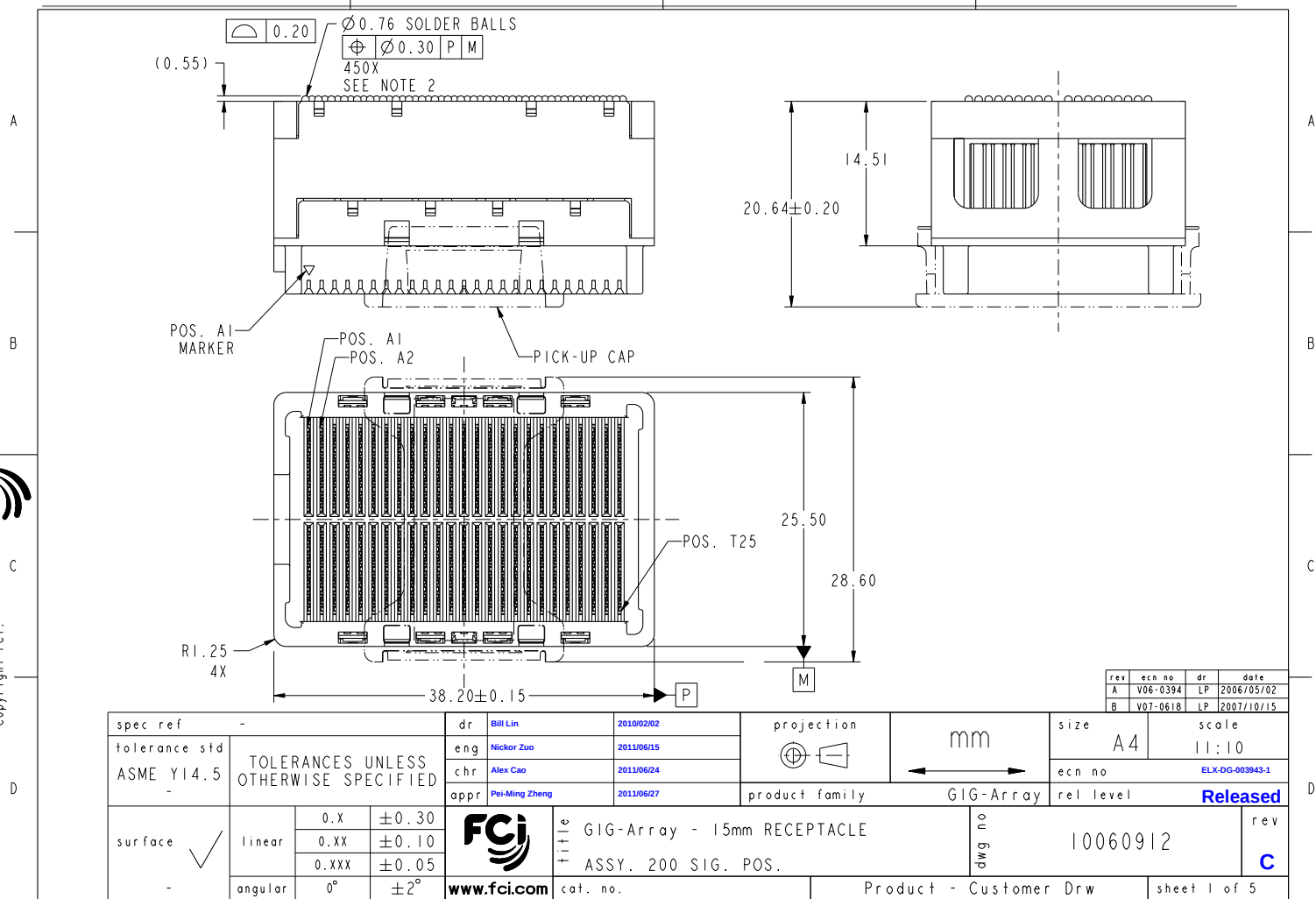
Stocking Distributor

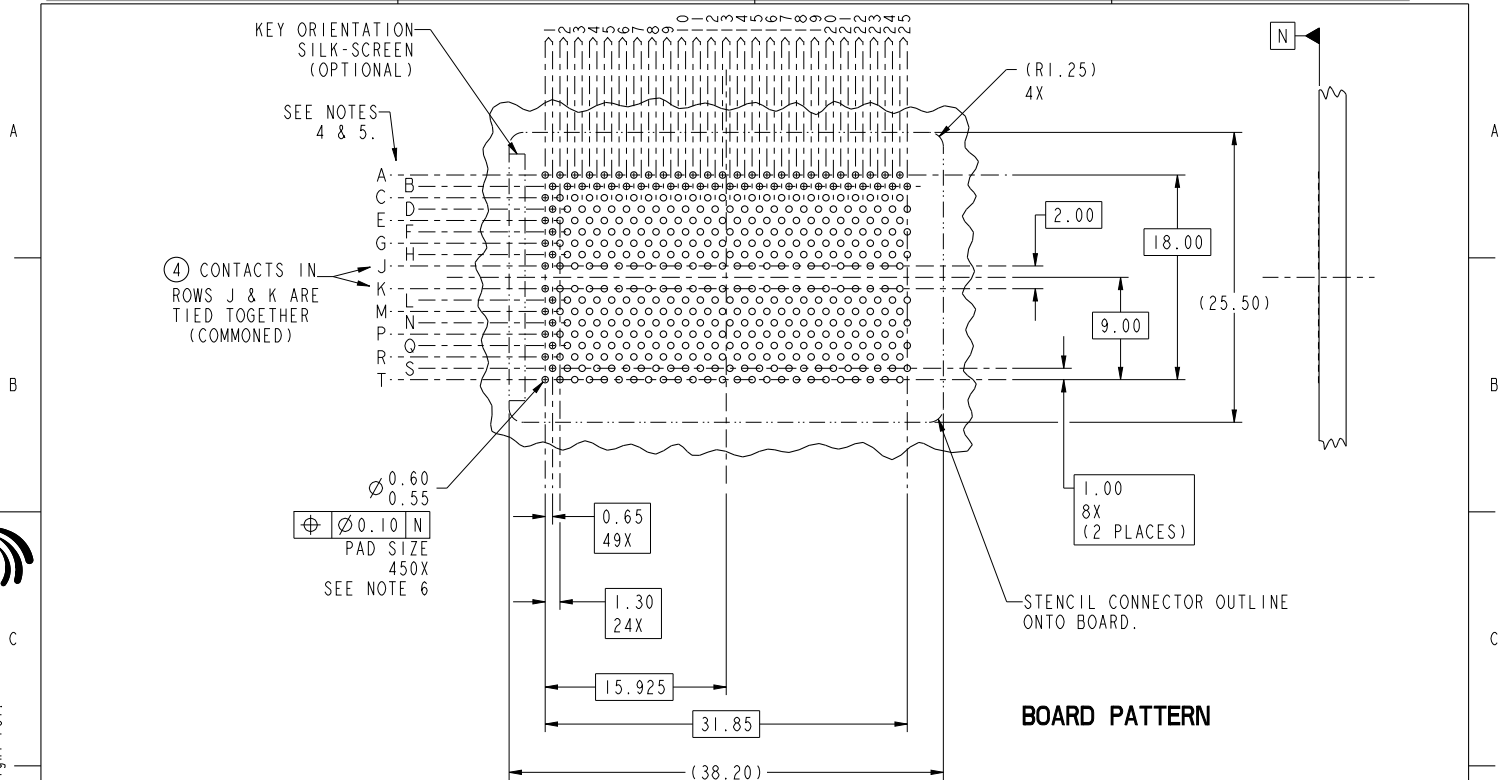
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10060912-001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com





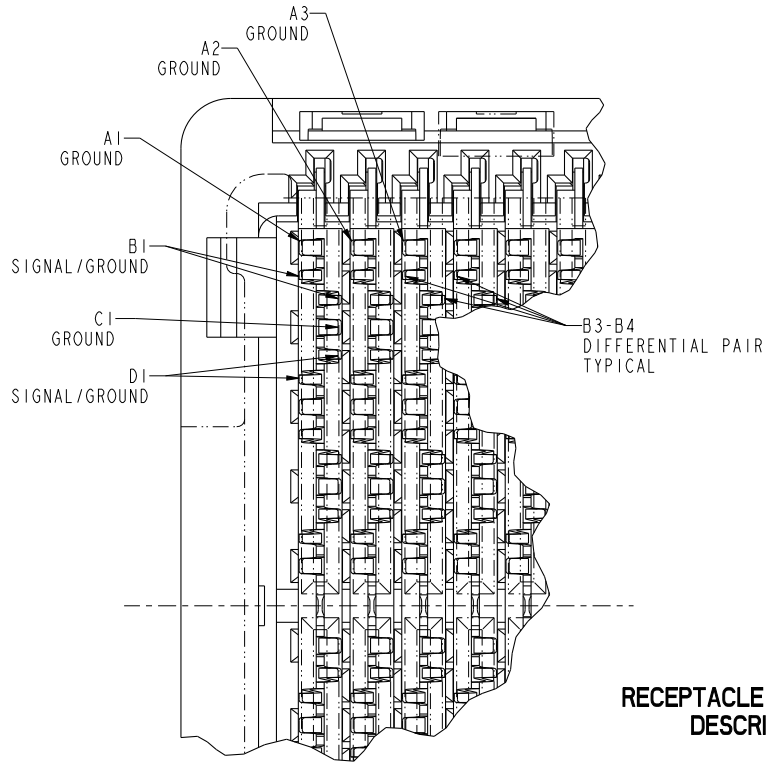
spec ref	-	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	11:10
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/15			ecn no	ELX-DG-003943-1		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Alex Cao	2011/06/24			rel level	Released		
surface	✓	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10060912		rev
	linear				GIG-Array - 15mm RECEPTACLE					C
					ASSY. 200 SIG. POS.					
	angular				Product - Customer Drw			sheet 2 of 5		

Print File - REV C - 2009-08-09

PDS: Rev :C

STATUS:Released

Printed: Jun 27, 2011



**RECEPTACLE INTERFACE
DESCRIPTION**

spec ref				-		dr		Bill Lin		2010/02/02		projection				mm		size		A4		scale		37:5	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Nickor Zuo		2011/06/15				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				title		GIG-Array - 15mm RECEPTACLE		dwg no		10060912		rev		C			
		0.XX		±0.10																					
		0.XXX		±0.05																					
-		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 5											

Print File: REV C - 2009-06-09



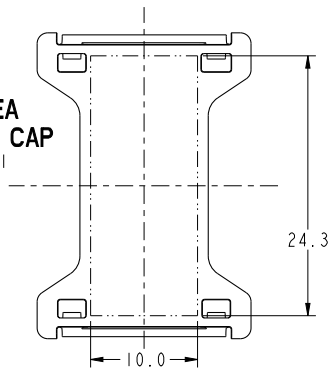
www.fci.com

PDS: Rev :C

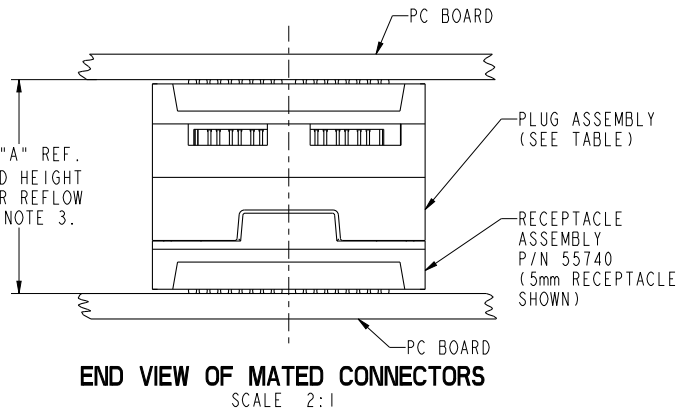
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**FLAT AREA
FOR PICK-UP CAP**
SCALE 2:1



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



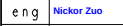
DIM. "A"	PLUG ASSEMBLY P/N
25	55737
27	10026802
28	10055142
30	55738
35	55739
40	10054783

spec ref		-		dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	11:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/15			ecp no	ELX-DG-003943-1				
				chr	Alex Cao	2011/06/24								
ASME Y14.5		-		appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array		rel level	Released		
surface	✓	linear	0.X	±0.30		title	GIG-Array - 15mm RECEPTACLE			dwg no	10060912		rev	C
			0.XX	±0.10										
			0.XXX	±0.05										
-		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 4 of 5			

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10060912-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10060912-001LF	LEADFREE	
10060912-201	STANDARD (EUTECTIC)	
10060912-201LF	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,O 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 FIDUCIAL 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		size A4		scale 11:10	
tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Nickor Zuo		2011/06/15						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				rel level				Released			
surface ✓		linear		0.X ±0.30				title GIG-Array - 15mm RECEPTACLE ASSY. 200 SIG. POS.		dwg no 10060912		rev C			
		0.XX ±0.10													
		0.XXX ±0.05													
-		angular 0° ±2°		www.fci.com		cat. no.		Product - Customer Drw				sheet 5 of 5			