

Excellent Integrated System Limited

Stocking Distributor

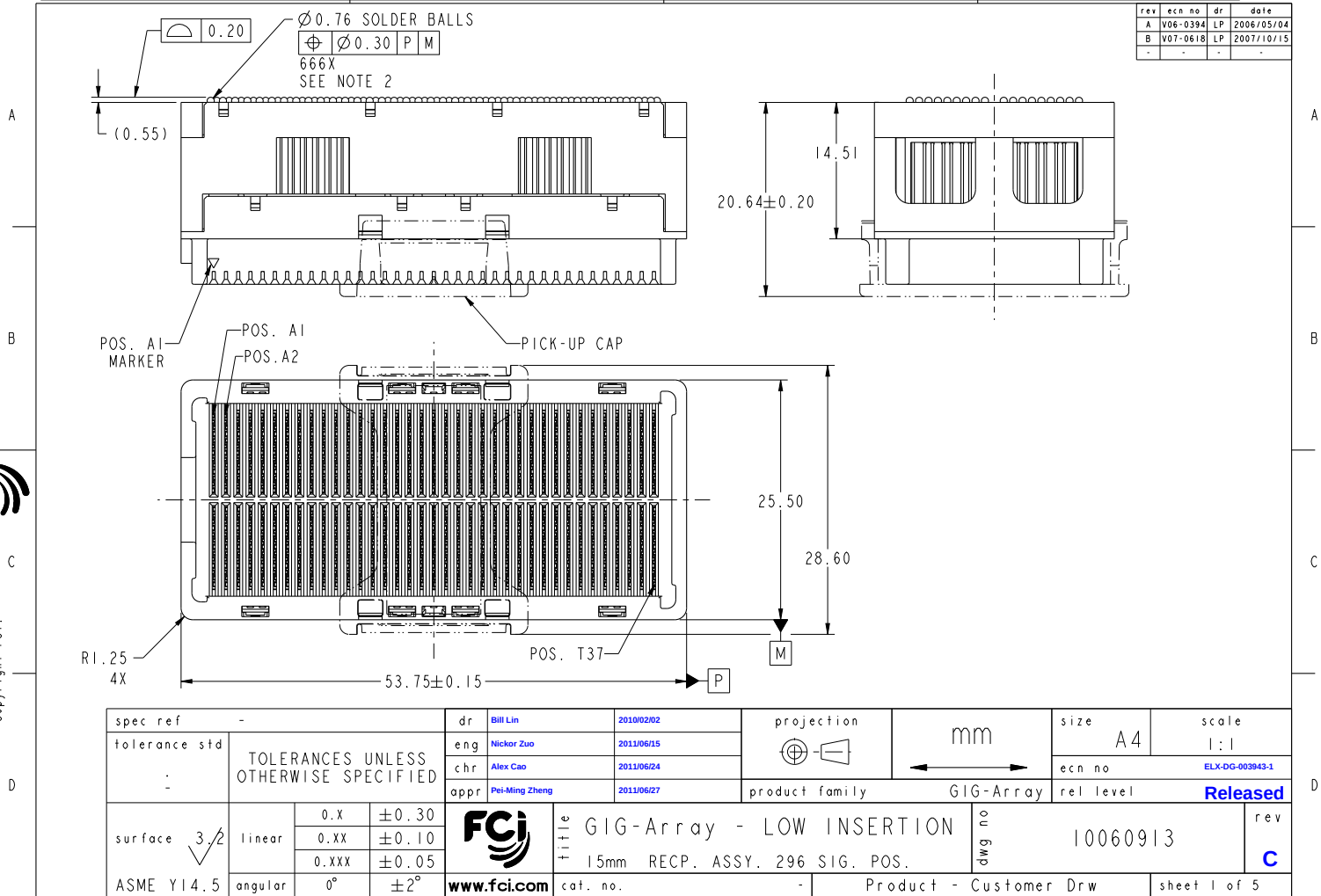
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10060913-001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

rev	ecn no	dr	date
A	V06-0394	LP	2006/05/04
B	V07-0618	LP	2007/10/15
-	-	-	-



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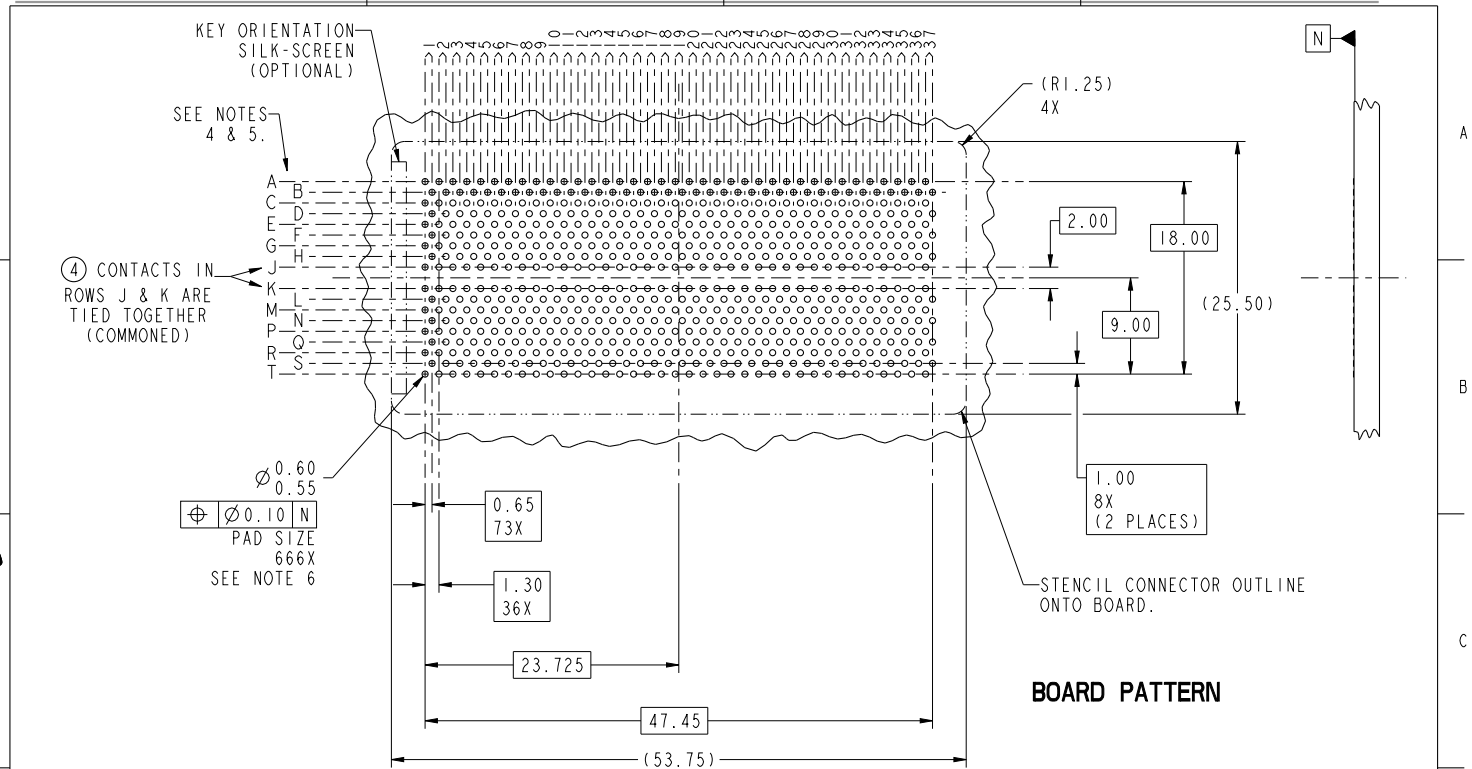
2

3

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STATUS:Released

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spec ref	-	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/06/15		mm	ecn no	ELX-DG-003943-1		
:		chr	Alex Cao	2011/06/24			rel level	Released		
surface	3/2	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10060913		rev
ASME Y14.5	linear				GIG-Array - LOW INSERTION					C
	angular				15mm RECP. ASSY. 296 SIG. POS.					
	0.X									
	0.XX									
	0.XXX									
	0°									

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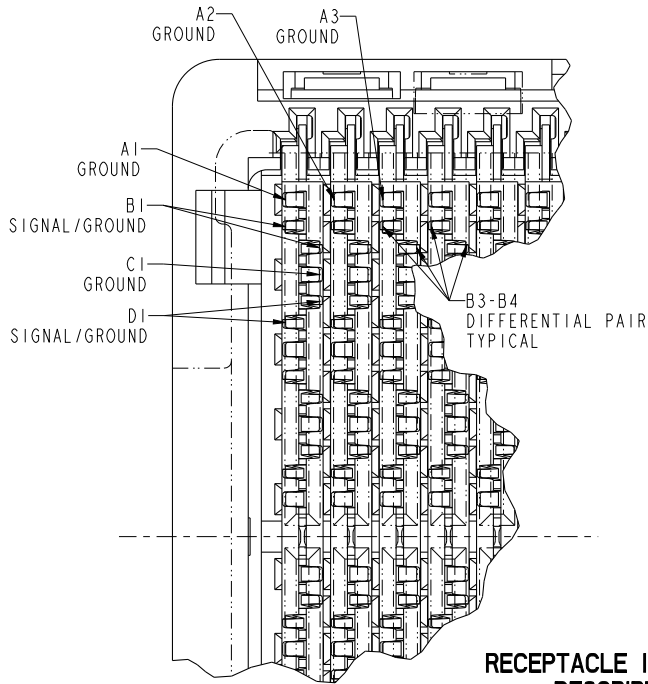
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**RECEPTACLE INTERFACE
DESCRIPTION**

spec ref	-	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1
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surface	3/2	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10060913		rev
ASME Y14.5	linear				GIG-Array - LOW INSERTION					C
	0.X				15mm RECP. ASSY. 296 SIG. POS.					
	0.XX									
	0.XXX									
	angular									
	0°									
	±2°									

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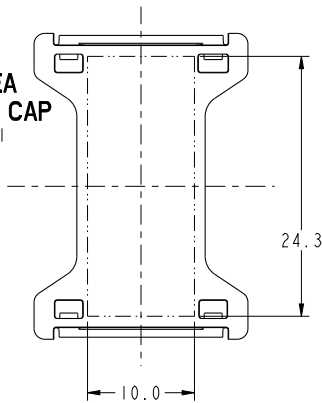
cat. no. - Product - Customer Drw

PDS: Rev :C

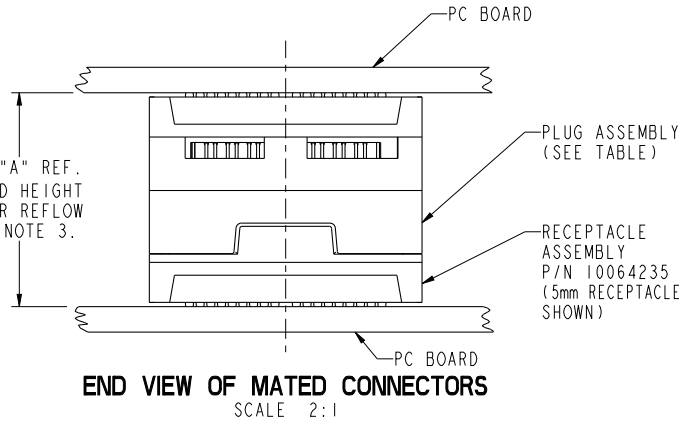
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**FLAT AREA
FOR PICK-UP CAP**
SCALE 2:1



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



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
25	55720
27	10026804
28	10055143
30	55700
35	55727
40	10054784

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10060913-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
10060913-001LF	LEADFREE	
10060913-201	STANDARD (EUTECTIC)	
10060913-201LF	LEADFREE	

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 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 POSITION.

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ASME Y14.5	linear				title	GIG-Array - LOW INSERTION	dwg no	10060913		rev
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Product - Customer Drw

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