

Excellent Integrated System Limited

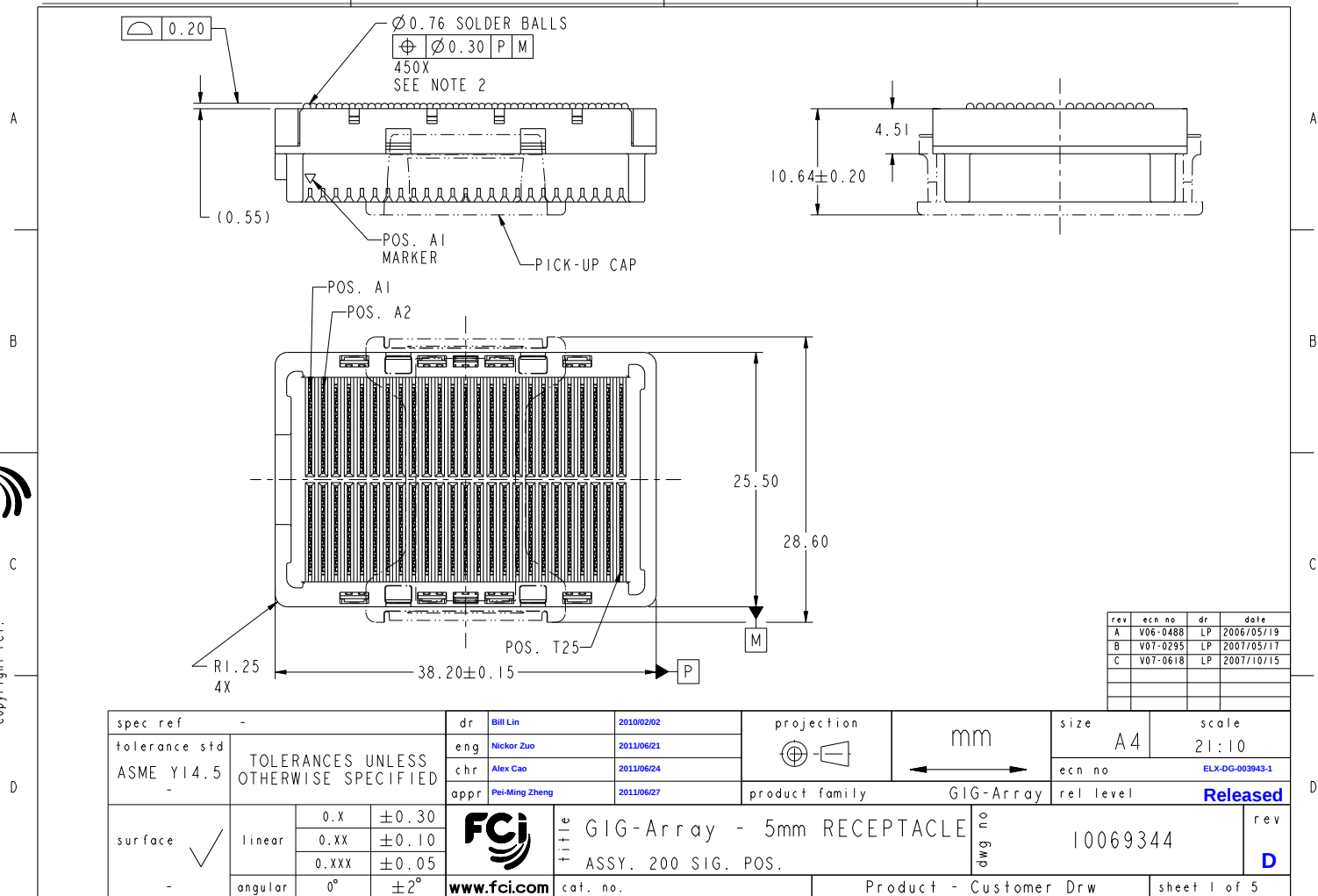
Stocking Distributor

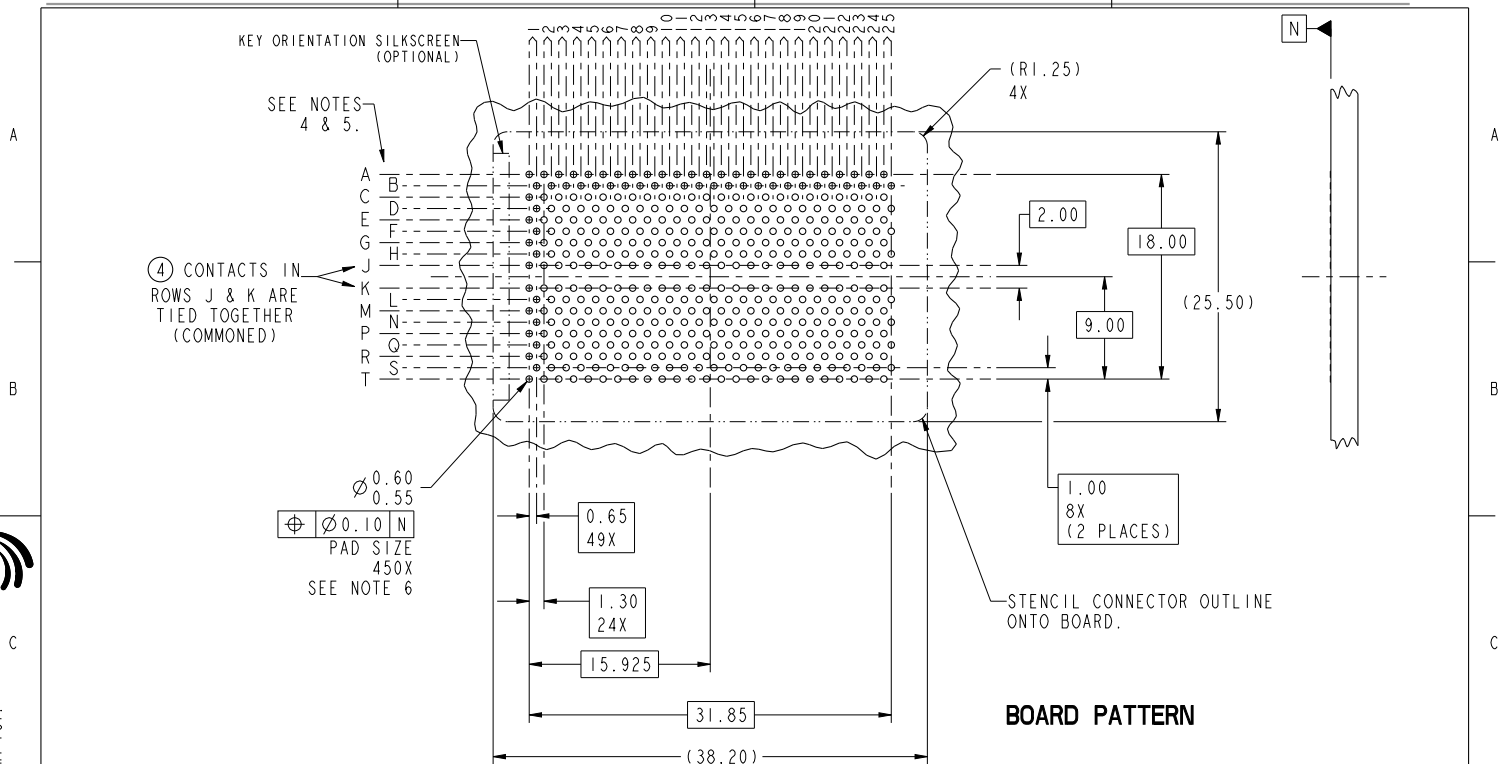
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10069344-001](#)

For any questions, you can email us directly:

sales@integrated-circuit.com





spec ref				-		dr	Bill Lin	2010/02/02			size	A4	scale	21:10	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/21	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 - 5mm RECEPTACLE ASSY. 200 SIG. POS.					dwg no	10069344		rev	D
		0.XX	±0.10												
		0.XXX	±0.05												
	angular	0°	±2°												

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cat. no.

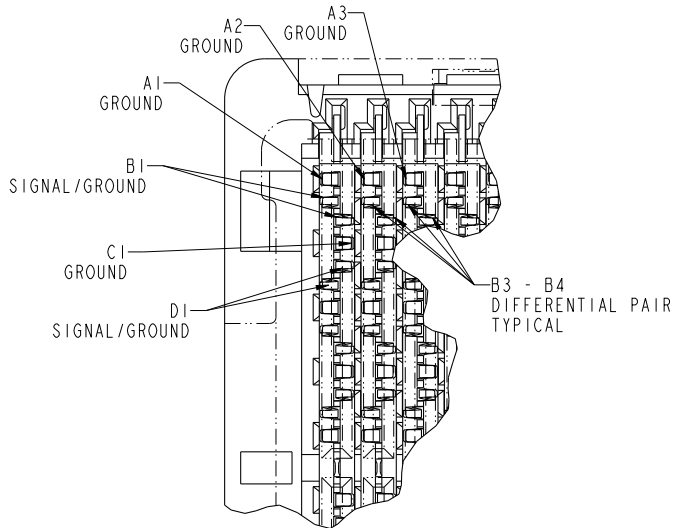
Product - Customer Drw

sheet 2 of 5

PDS: Rev :D

STATUS:Released

Printed: Jun 28, 2011



**RECEPTACLE INTERFACE
DESCRIPTION**

SCALE 6:1

spec ref	-	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	21:10
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/21			ec n 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	dwg no	10069344		rev
					title	GIG-Array - 5mm RECEPTACLE				D
					ASSY. 200 SIG. POS.					
					cat. no.	Product - Customer Drw	sheet	3 of 5		

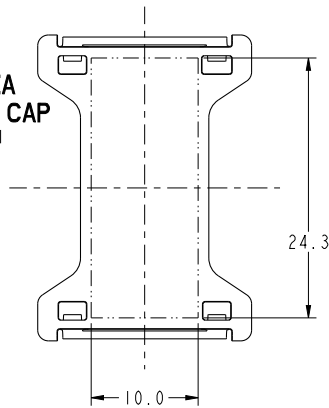
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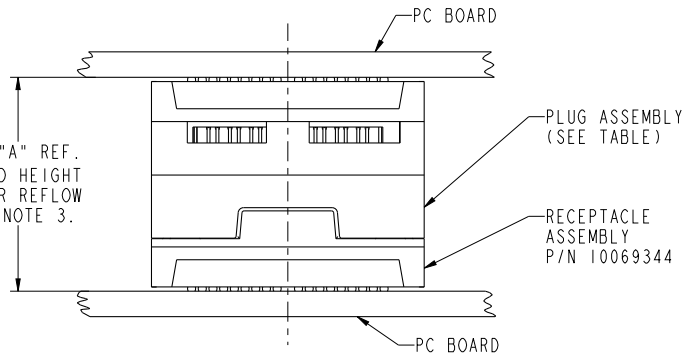
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**FLAT AREA
FOR PICK-UP CAP**
SCALE 2:1



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



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
15	55737
17	10026802
18	10055142
20	55738
25	55739
30	10054783

spec ref	-	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	11:10
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/21			ecn no	ELX-DG-003943-1	rel level	Released
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Alex Cao	2011/06/24						
surface	✓	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10069344	rev	D
	linear				title					
					GIG-Array - 5mm RECEPTACLE					
					ASSY. 200 SIG. POS.					
	angular				cat. no.					
					Product - Customer Drw					
					sheet 4 of 5					

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10069344-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10069344-001LF	LEADFREE	
10069344-201	STANDARD (EUTECTIC)	
10069344-201LF	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,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. 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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	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Alex Cao	2011/06/24			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10069344		
	0.X				GIG-Array - 5mm RECEPTACLE			rev		
	0.XX				ASSY. 200 SIG. POS.			D		
	0.XXX				cat. no.			Product - Customer Drw		
	angular				sheet 5 of 5					

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