

Excellent Integrated System Limited

Stocking Distributor

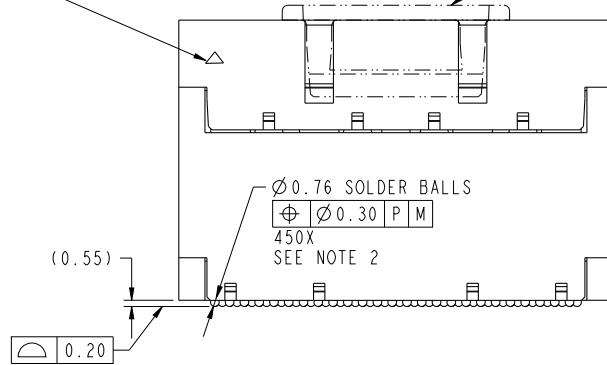
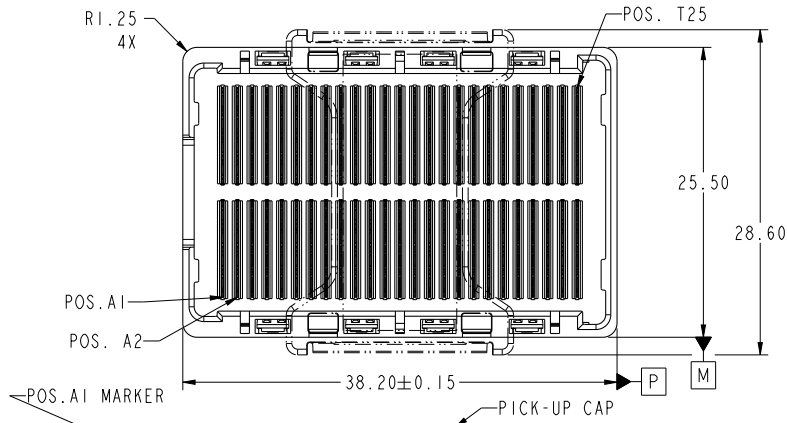
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10054783-001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

rev	ecn no	dr	date
A	V05-0335	TAB	2005-04-19
B	V06-0239	LP	2006-03-27
C	V06-0558	LP	2006-06-21
D	V08-0329	SM	2008-11-15



spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/05/26			ecn no	ELX-DG-003943-1	rel level	Released
surface	✓	chr	Alex Cao	2011/06/24	product family	GIG-Array	rel level	Released		
		appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	rel level	Released		
					product family	GIG-Array	rel level	Released		
					product family	GIG-Array	rel level	Released		
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					product family	GIG-Array	rel level	Released		

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GIG-Array
25mm PLUG ASSY. 200 SIG. POS.

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cat. no.

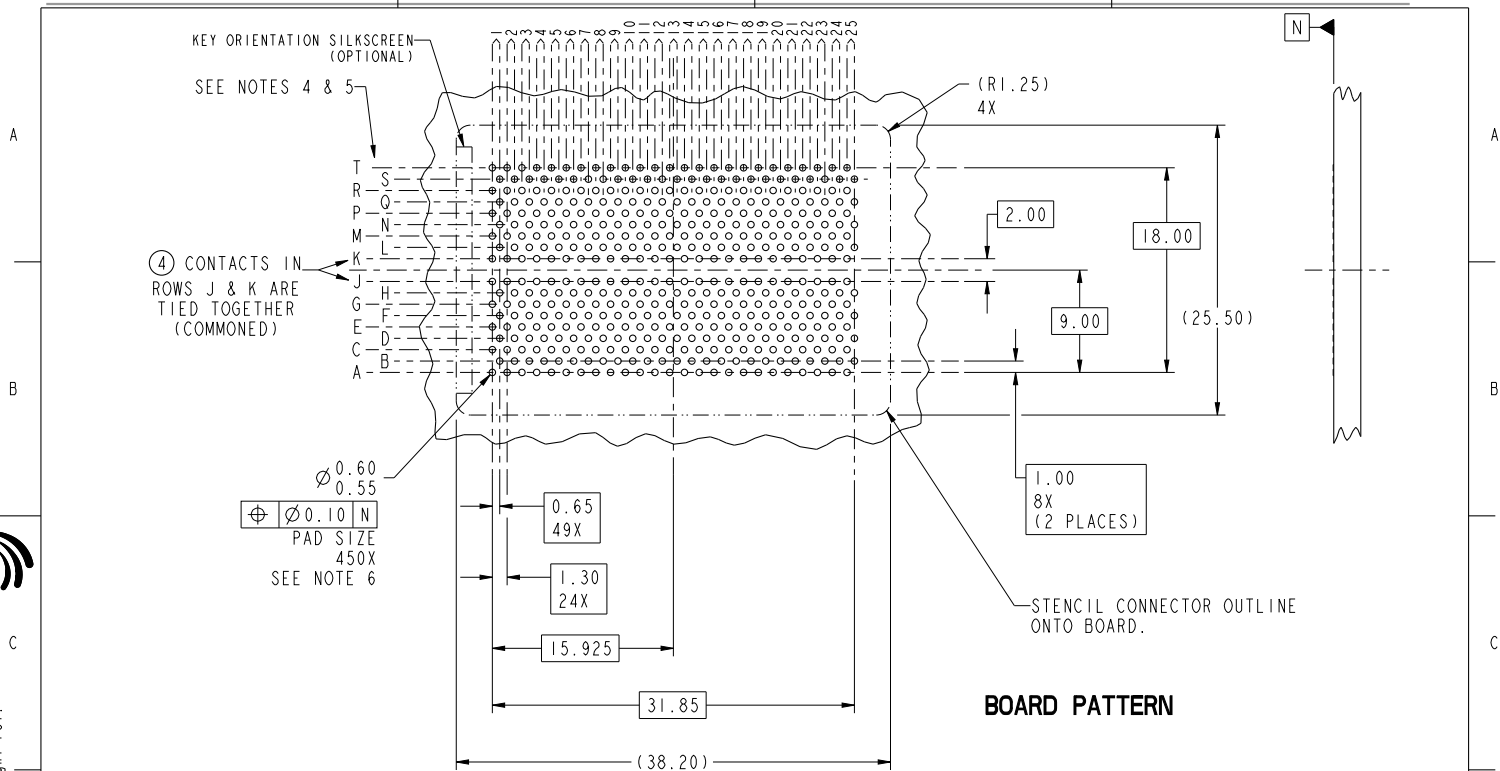
Product - Customer Drw

sheet 1 of 5

PDS: Rev :E

STATUS:Released

Printed: Jun 27, 2011



spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/05/26		mm	ecn 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	10054783		rev
					GIG-Array					E
					25mm PLUG ASSY. 200 SIG. POS.					
					cat. no.	*	Product - Customer Drw	sheet 2 of 5		

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A

B

C

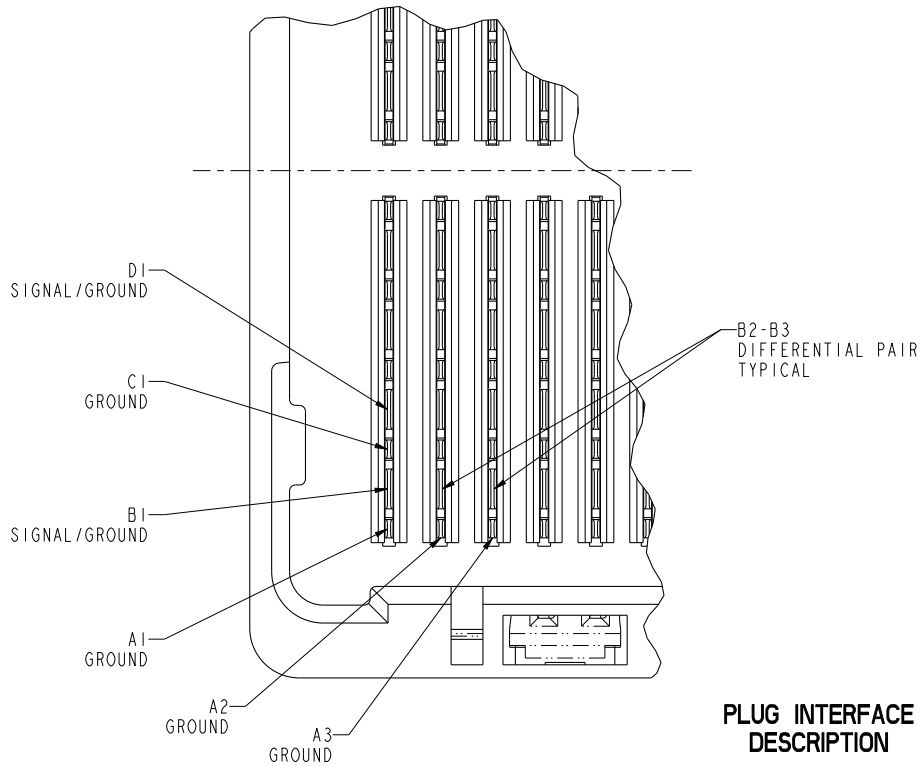
D

A

B

C

D



PLUG INTERFACE DESCRIPTION

spec ref		*		dr	Bill Lin	2010/02/02	projection		mm		size	A4	scale	1:1	
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/05/26	ec n 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		title				GIG-Array		dwg no	10054783		rev
			0.XX	±0.10											
			0.XXX	±0.05		25mm PLUG ASSY. 200 SIG. POS.									
-		angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw				sheet 3 of 5			

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1

2

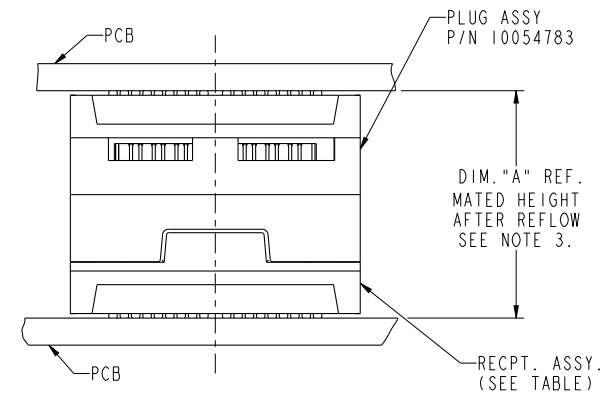
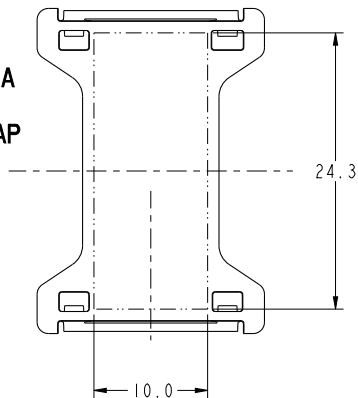
3

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FLAT AREA
FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
30	55740
35	10026010
40	55741

NOT TOOLED

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surface	✓	chr	Alex Cao	2011/06/24			rel level	Released		
		appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10054783		
					title	GIG-Array				rev
						25mm PLUG ASSY. 200 SIG. POS.				E
					cat. no.	*	Product - Customer Drw	sheet 4 of 5		

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10054783-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10054783-001LF	LEADFREE	

NOTES:

- ① MAT'L:
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.
- 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 THIS DIRECTIVE IS IDENTIFIED IN HTE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

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		chr	Alex Cao	2011/06/24			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	cat. no.	GIG-Array	dwg no	10054783
	0.X									
	0.XX									
	0.XXX									
	angular									
	0°									
	±0.30									
	±0.10									
	±0.05									
	±2°									

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GIG-Array
25mm PLUG ASSY. 200 SIG. POS.

Product - Customer Drw

sheet 5 of 5

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