

Excellent Integrated System Limited

Stocking Distributor

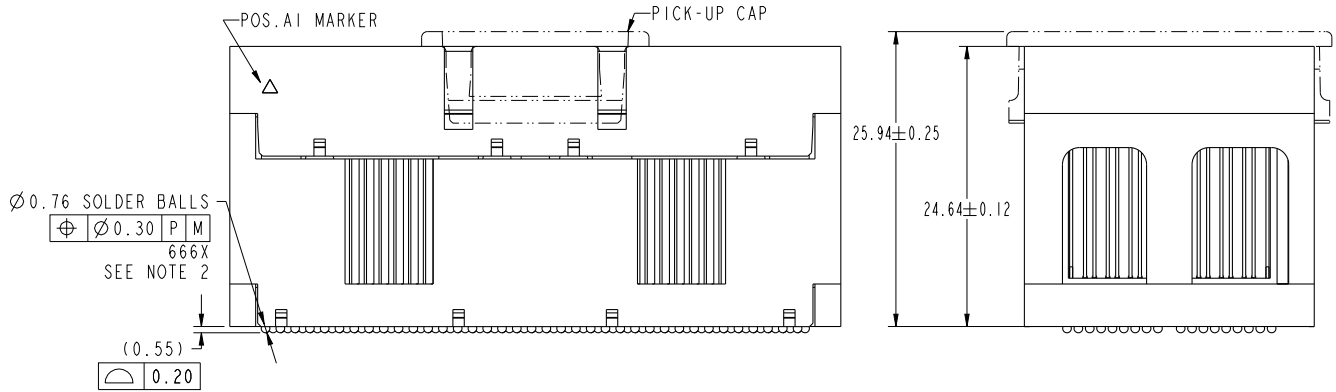
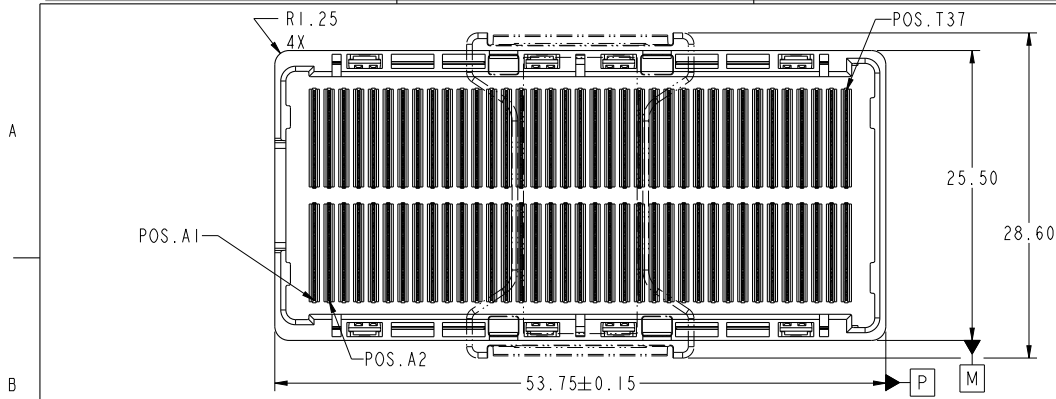
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10054784-001LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

rev	ecn no	dr	date
A	V05-0335	TAB	2005-04-25
B	V06-0239	LP	2006-03-27
C	V06-0558	LP	2006-06-21
D	V07-0440	LP	2007-07-09
E	V08-0329	SM	2008-11-17



spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:2
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/05/27			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	linear				title	GIG-Array	dwg no	10054784	rev	F
	angular									

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25mm PLUG ASSY. 296 SIG. POS.

cat. no.

Product - Customer Drw

sheet 1 of 5

PDS: Rev :F

STATUS:Released

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A

B

C

D

A

B

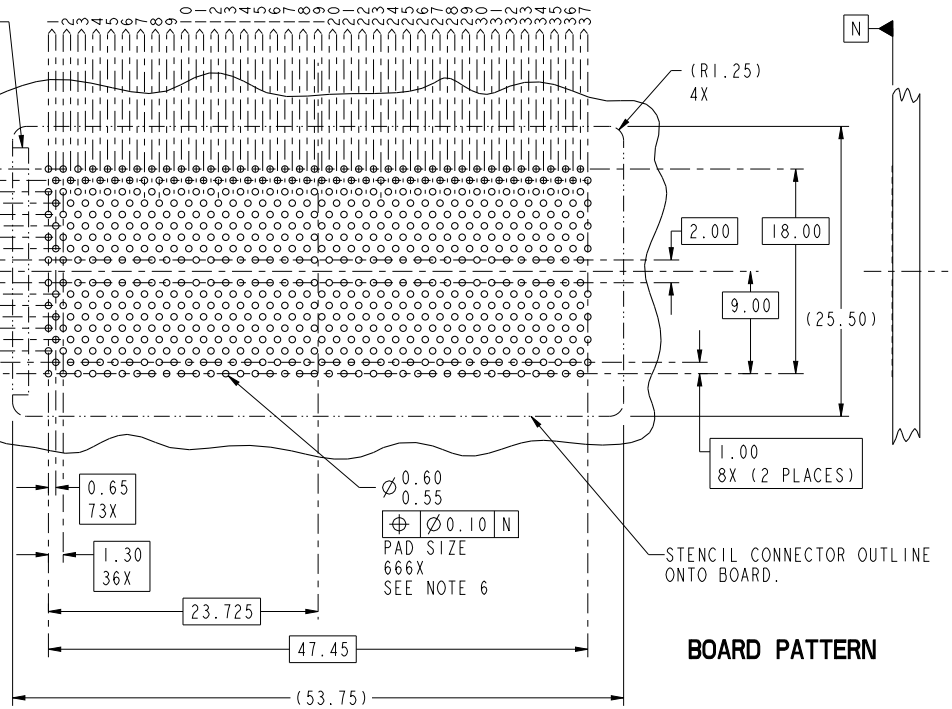
C

D

KEY ORIENTATION SILKSCREEN
(OPTIONAL)

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

SEE NOTES 4 & 5



spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:2
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/05/27			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	10054784		rev
					GIG-Array					F
					25mm PLUG ASSY. 296 SIG. POS.					
					cat. no.	*	Product - Customer Drw		sheet 2 of 5	

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1

2

3

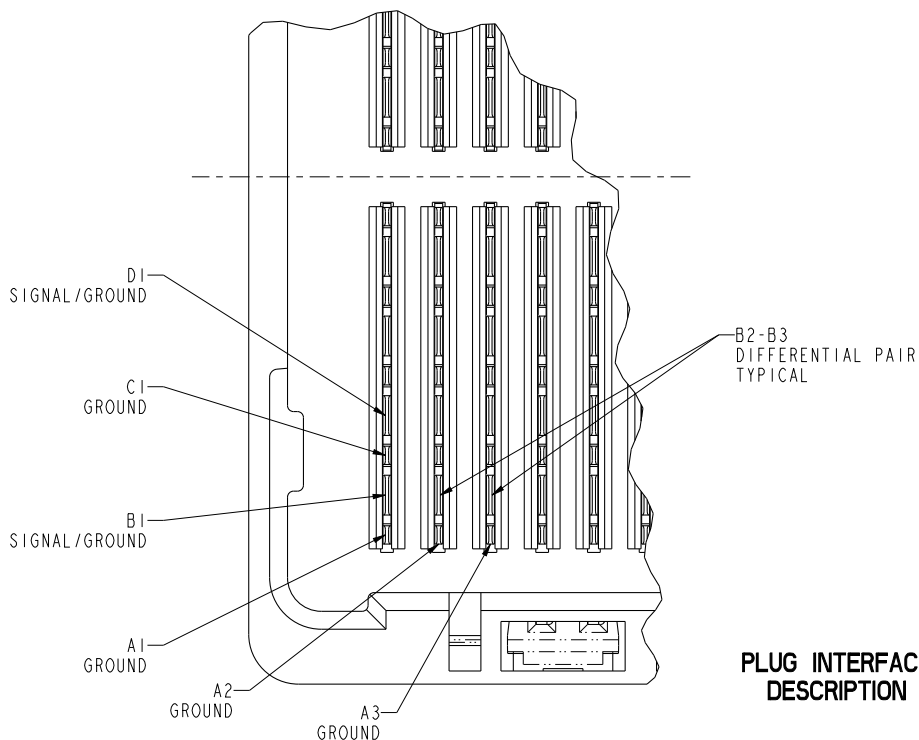
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PLUG INTERFACE DESCRIPTION

spec ref *				dr Bill Lin		2010/02/02		projection		mm		size A4		scale 1:2	
tolerance std ASME Y14.5 -				eng Nickor Zuo		2011/05/27						ecn no		ELX-DG-003943-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED				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 25mm PLUG ASSY. 296 SIG. POS.		dwg no 10054784		rev F	
				0.XX ±0.10											
				0.XXX ±0.05											
angular 0° ±2°				www.fci.com		cat. no.		*		Product - Customer Drw				sheet 3 of 5	

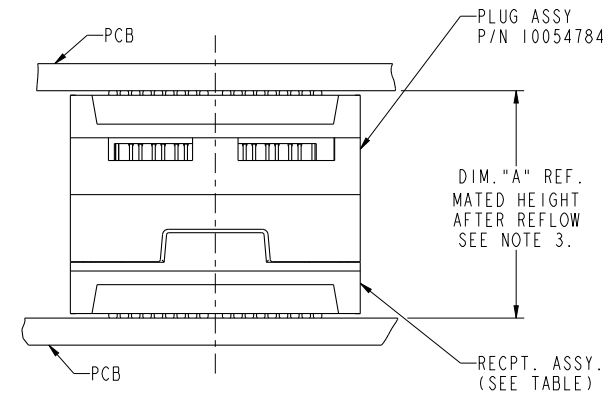
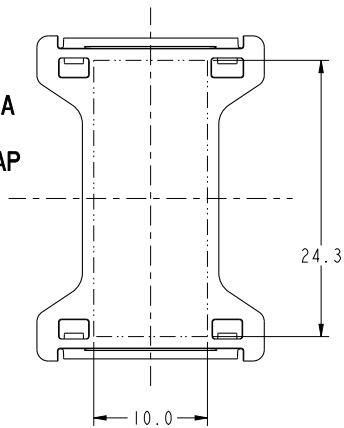
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FLAT AREA
FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
30	55701
35	10032376
40	55733

NOT TOOLED

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		chr	Alex Cao	2011/06/24			rel level	Released		
surface	✓	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no	10054784		rev
					title	GIG-Array				F
						25mm PLUG ASSY. 296 SIG. POS.				
					cat. no.	*	Product - Customer Drw	sheet 4 of 5		

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10054784-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10054784-001LF	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 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 THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

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					title	GIG-Array				F
						25mm PLUG ASSY. 296 SIG. POS.				
					cat. no.	*	Product - Customer Drw	sheet 5 of 5		

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