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0.20

Ø 0.76 SOLDER BALLS
450X
SEE NOTE 2

Ø 0.30 P M

(0.55)

POS. A1
MARKER

OPTIONAL PICK-UP CAP

POS. A1

POS. A2

25.50

28.60

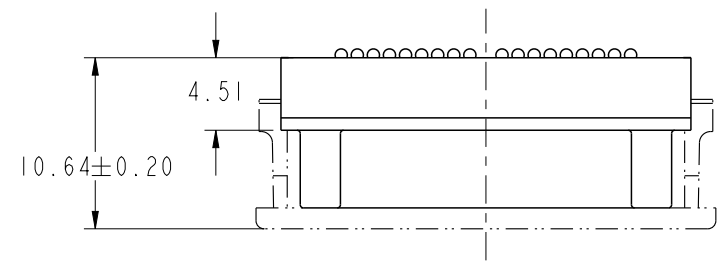
POS. T25

R1.25
4X

38.20±0.15

P

M



rev	ecn no	dr	date
A	V06-0001	DAI	2006-01-10
B	V06-0109	LP	2006-04-21
C	V06-0435	LP	2006-05-08
D	V06-0523	LP	2006-05-31
E	V06-0558	LP	2006-06-21
F	V08-0489	SM	2008-11-19

spec ref *				dr Bill Lin 2010/02/02		projection	mm	size A4	scale 11:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/09				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	0.X	±0.30		title GIG-Array 5mm RECP. ASSY. 200 SIG. POS.	dwg no 55740	rev G		
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°						www.fci.com

PrintE File - REV C - 2009-06-09

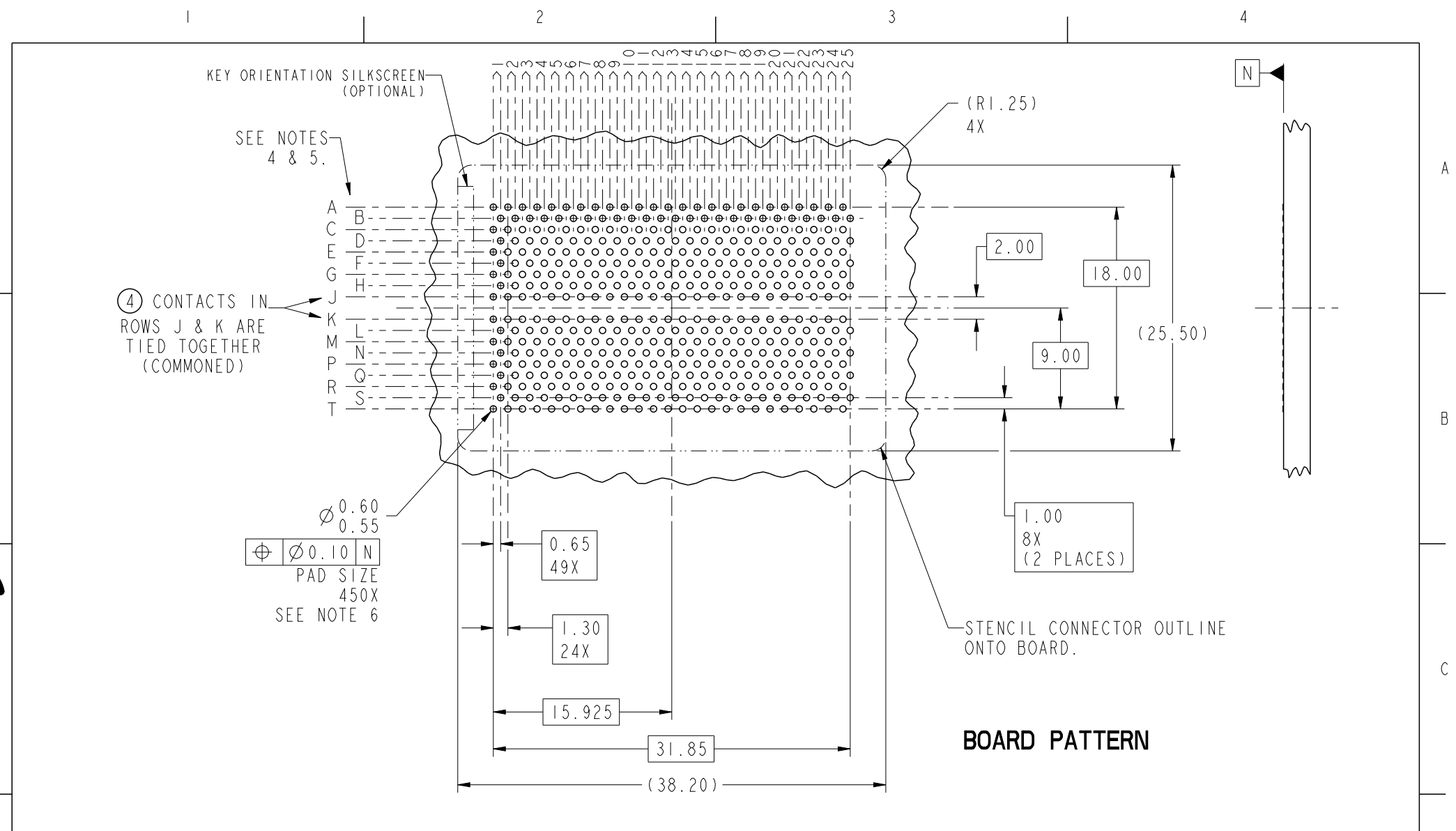
PDS: Rev :G

STATUS:Released

Printed: Jun 28, 2011

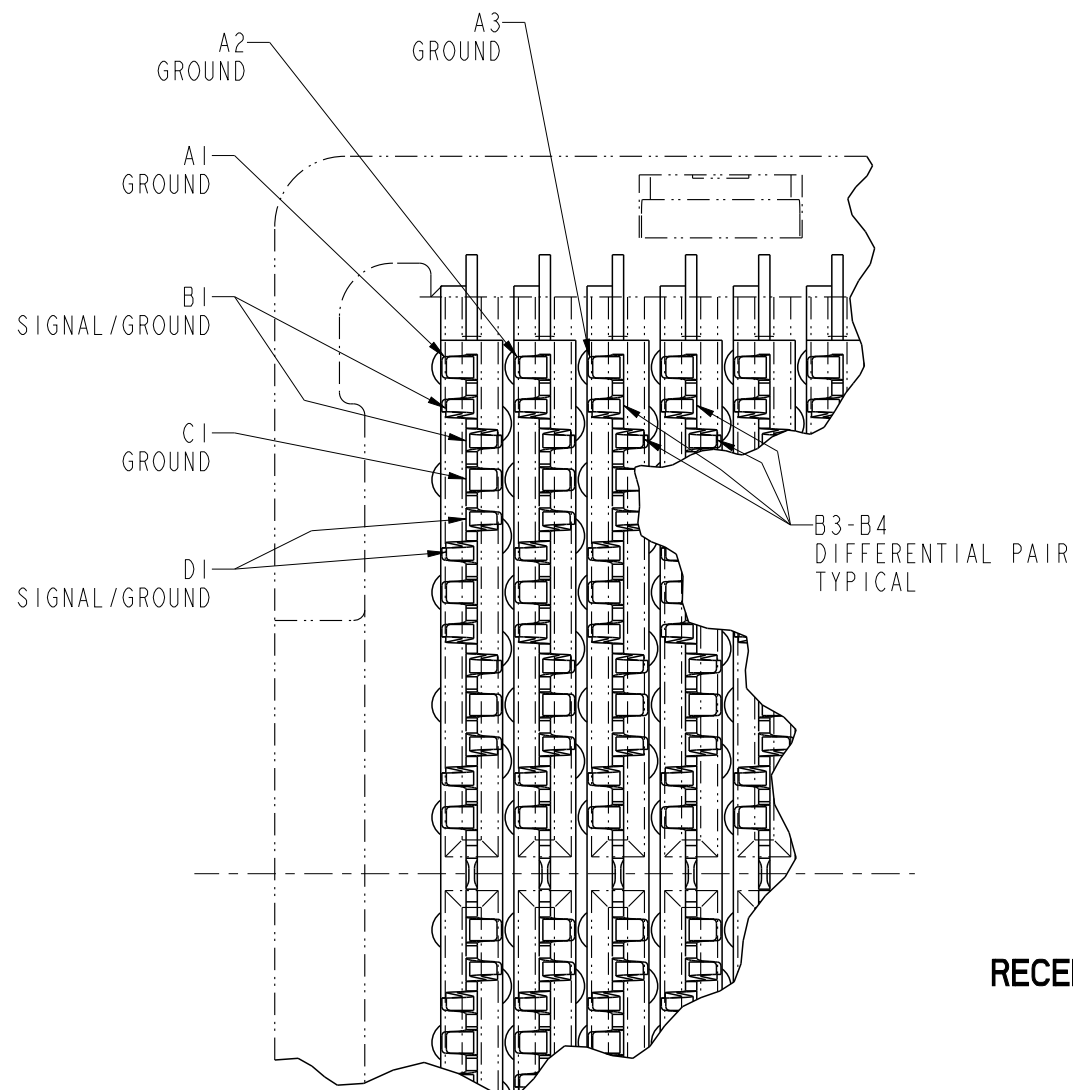


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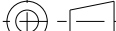


spec ref		*		dr		Bill Lin	2010/02/02	projection 		size	A4	scale	11:10	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Nickor Zuo	2011/06/09			ecn no				ELX-DG-003943-1
				chr		Alex Cao	2011/06/24			rel level				Released
				appr		Pei-Ming Zheng	2011/06/27			product family		GIG-Array		
surface ✓ -	linear	0.X	±0.30		title GIG-Array 5mm RECP. ASSY. 200 SIG. POS.					dwg no	55740		rev G	
		0.XX	±0.10											
		0.XXX	±0.05											
	angular	0°	±2°	www.fci.com	cat. no.		*	Product - Customer Drw				sheet 2 of 5		

PrintE File - REV C - 2009-06-09

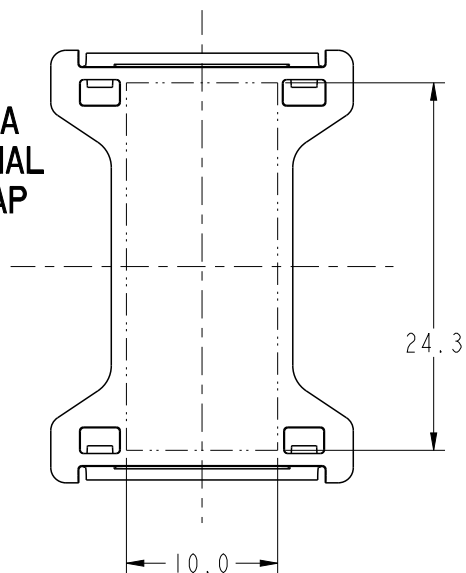


RECEPTACLE INTERFACE DESCRIPTION

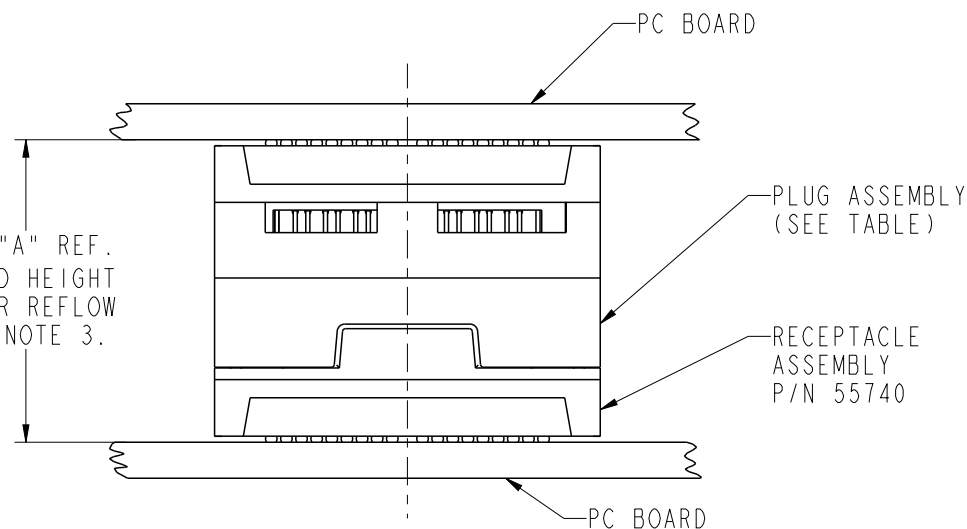
spec ref		*		dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	37:5
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24			rel level			Released
				appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array			
surface ✓ -	linear	0.X	±0.30		title GIG-Array 5mm RECP. ASSY. 200 SIG. POS.			dwg no	55740		rev	G
		0.XX	±0.10									
		0.XXX	±0.05									
	angular	0°	±2°	www.fci.com	cat. no.		*	Product - Customer Drw		sheet 3 of 5		

ProjE File - REV C - 2009-06-09

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

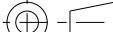


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
15	55737
17	10026802
18	10030626
20	55738
25	55739
30	10054783

spec ref	*			dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	11:10
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				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 RECP. ASSY. 200 SIG. POS.			dwg no	55740		rev G
		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
55740-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
55740-001LF	LEADFREE	
55740-201	STANDARD (EUTECTIC)	
55740-201LF	LEADFREE	

NOTES:

① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): SEE TABLE.
UL RATING: 94 V-0
SOLDBALL: (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,
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. 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	mm	size	A4	scale	11:10			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			ecn no	ELX-DG-003943-1					
				chr	Alex Cao	2011/06/24									
				appr	Pei-Ming Zheng	2011/06/27									
ASME Y14.5							product family		GIG-Array		rel level		Released		
surface		linear	0.X	±0.30		title			GIG-Array			dwg no	55740		rev
			0.XX	±0.10											
			0.XXX	±0.05											
		-	angular	0°	±2°	www.fci.com	cat. no.			*	Product - Customer Drw		sheet 5 of 5		

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9