

rev	ecn no	dr	date
A	V05-0321	TAB	04/08/05
B	V05-1009	LP	11/7/05
C	V06-0239	LP	3/27/06
D	V06-0558	LP	2006/06/21
E	V07-0440	LP	2007-07-09
F	V09-0071	PK	2009-02-24

A

B

C

D

R1.25
4X

POS.T25

25.50

28.60

POS.A2

POS.A1

38.20±0.15

M

P

POS.A1 MARKER

PICK-UP CAP

(0.55)

0.20

Ø0.76 SOLDER BALLS

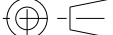
⊕	Ø0.30	P	M
---	-------	---	---

450X

SEE NOTE 2

13.94±0.25

12.64±0.12

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	2011/06/13			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24			rel level Released			
				appr	Pei-Ming Zheng	2011/06/27						
surface ✓ -	linear	0.X	±0.30		title	GIG-Array 13mm PLUG ASSY. 200 SIG. POS.			dwg no	10055142		rev G
		0.XX	±0.10									
		0.XXX	±0.05									
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 1 of 5	

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2

3

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STATUS:Released

Printed: Jun 27, 2011

A

B

C

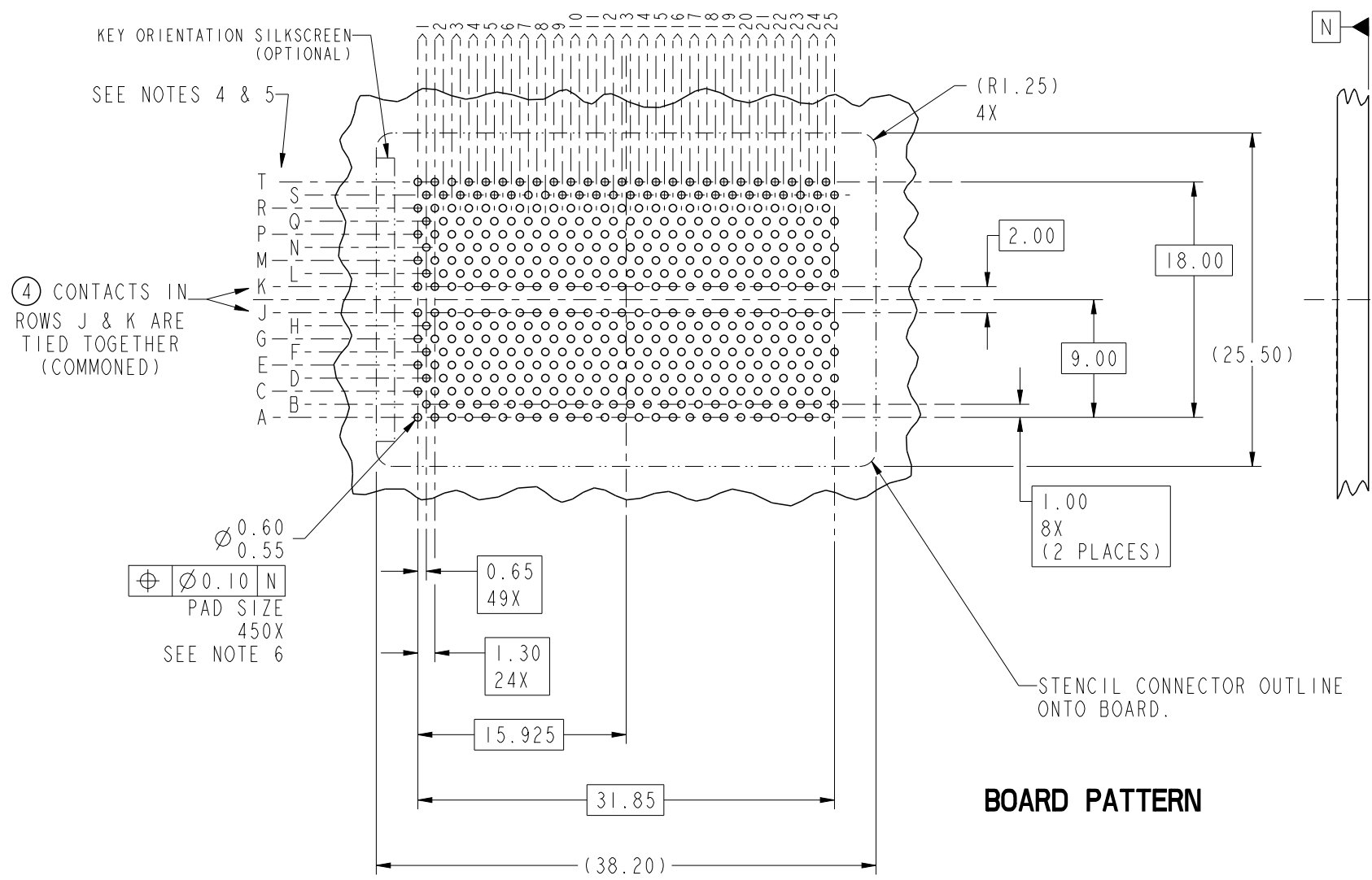
D

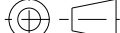


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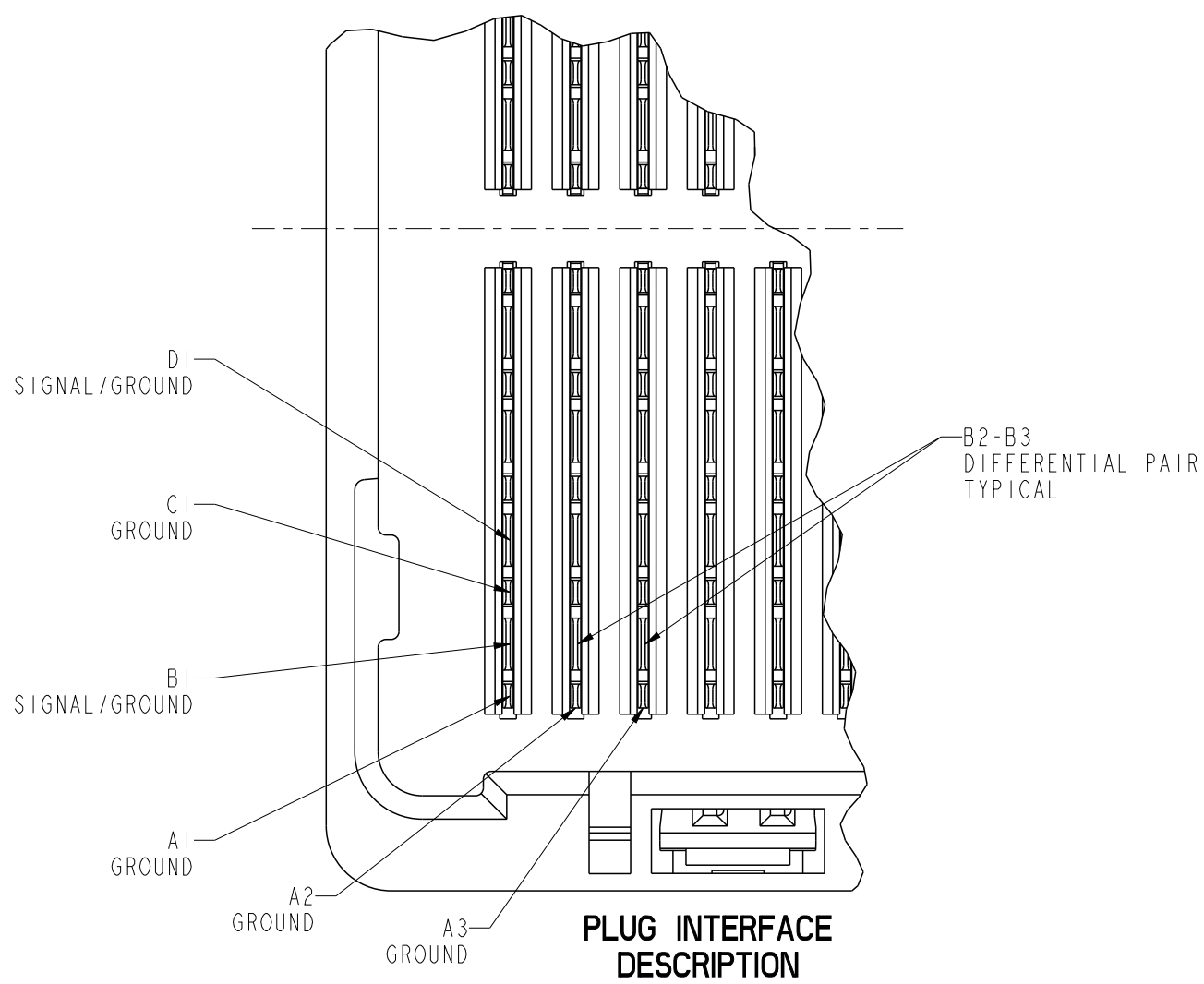


spec ref -				dr Bill Lin 2010/02/02		projection 	mm 	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/13				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface 	linear	0.X	±0.30		title GIG-Array 13mm PLUG ASSY. 200 SIG. POS.			dwg no 10055142	rev G
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						

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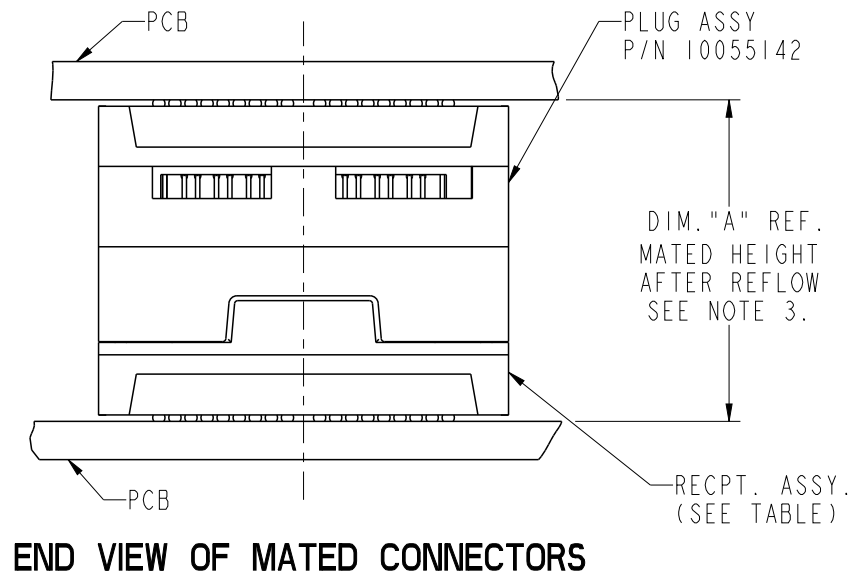
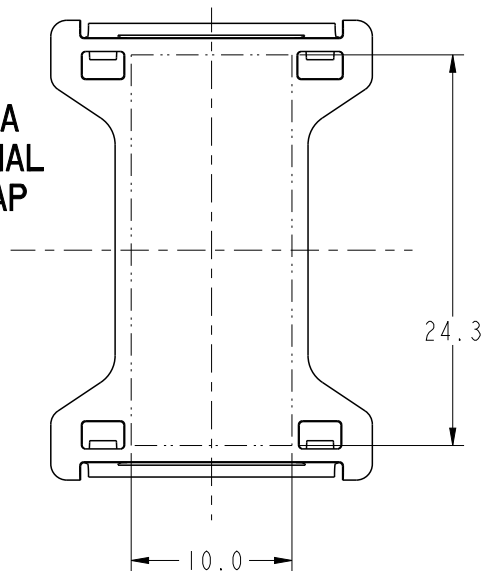


PLUG INTERFACE DESCRIPTION

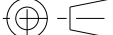
spec ref -				dr Bill Lin 2010/02/02		projection	mm	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/13				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface	linear	0.X	±0.30		title GIG-Array 13mm PLUG ASSY. 200 SIG. POS.			dwg no 10055142	rev G
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						

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FLAT AREA
FOR OPTIONAL
PICK-UP CAP



DIM. "A"	RECPT. ASSY. P/N
28	55741
18	55740

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	2011/06/13		ecn no ELX-DG-003943-1					
				chr	Alex Cao	2011/06/24							
								appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array
surface ✓ -	linear	0.X	±0.30		title	GIG-Array 13mm PLUG ASSY. 200 SIG. POS.			dwg no	10055142		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	



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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10055142-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
10055142-001LF	LEADFREE	
10055142-201	STANDARD (EUTECTIC)	
10055142-201LF	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, LEAD FREE 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.

spec ref	-	dr	Bill Lin	2010/02/02	projection		size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/13			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	dwg no	10055142		rev
surface	linear				title	GIG-Array				
						13mm PLUG ASSY. 200 SIG. POS.				
	angular				cat. no.		Product - Customer Drw	sheet 5 of 5		

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STATUS:Released

Printed: Jun 27, 2011

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

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