

rev	ecn no	dr	date
A	V06-0148	LP	2006/04/24
B	V06-0558	LP	2006/06/21
C	V07-0618	LP	2007/10/15
D	V09-0071	PK	2009/02/24

A

B

A

B

R1.25
4X

POS.T25

25.50

28.60

POS.A2

POS.A1

M

38.20±0.15

P

POS.A1 MARKER

OPTIONAL PICK-UP CAP

(0.55)

0.20

Ø0.76 SOLDER BALLS

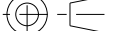
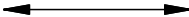
⌀ Ø0.30 P M

450X

SEE NOTE 2

13.94±0.25

12.64±0.12

spec ref -				dr Bill Lin2010/02/02		projection 	mm 	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo2011/06/15				ecn no ELX-DG-003943-1	
				chr Alex Cao2011/06/24				rel level Released	
				appr Pei-Ming Zheng2011/06/27					
surface ✓ -		linear	0.X	±0.30		title GIG-Array - 13mm PLUG ASSY 200 SIG POS.	dwg no 10060910	rev E	
			0.XX	±0.10					
			0.XXX	±0.05					
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 1 of 5

ProjE File - REV C - 2009-06-09

2

3

PDS: Rev :E

STATUS:Released

Printed: Jun 27, 2011

D

C

B

A

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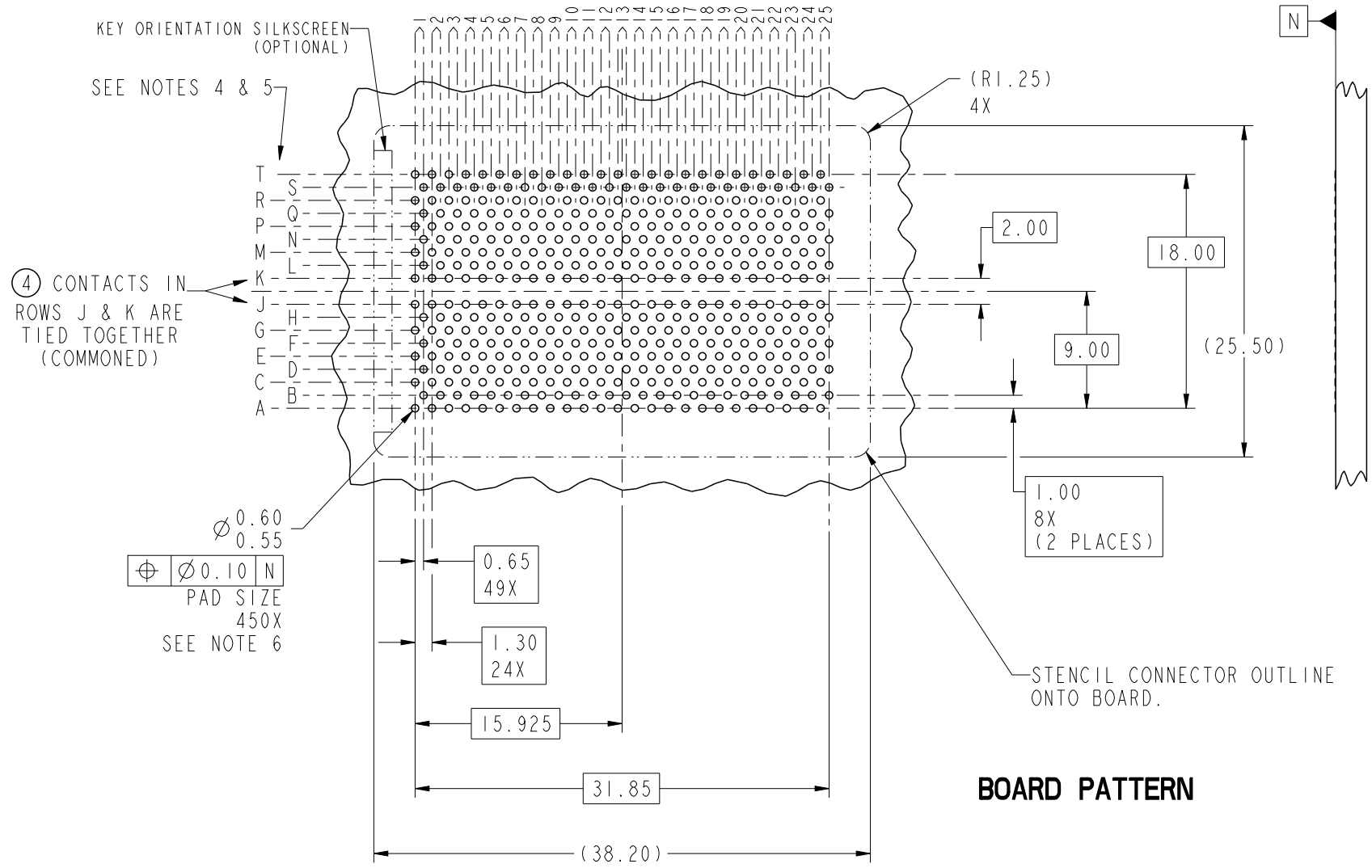
C

D





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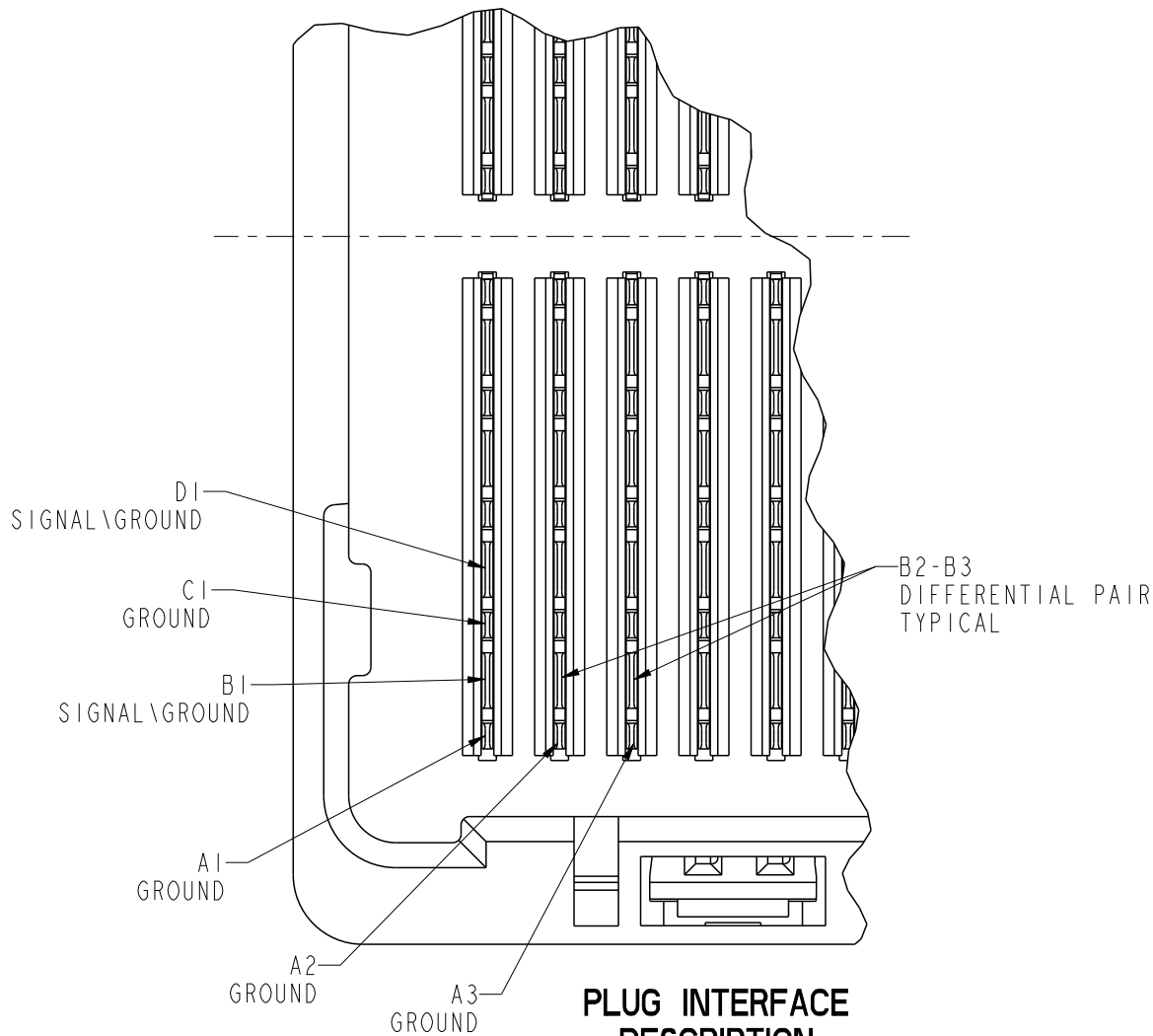


spec ref -				dr Bill Lin 2010/02/02		projection	mm	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/15				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27				product family GIG-Array	
surface	linear	0.X	±0.30		title GIG-Array - 13mm PLUG ASSY 200 SIG POS.		dwg no 10060910	rev E	
		0.XX	±0.10						
		0.XXX	±0.05						
-	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 2 of 5	

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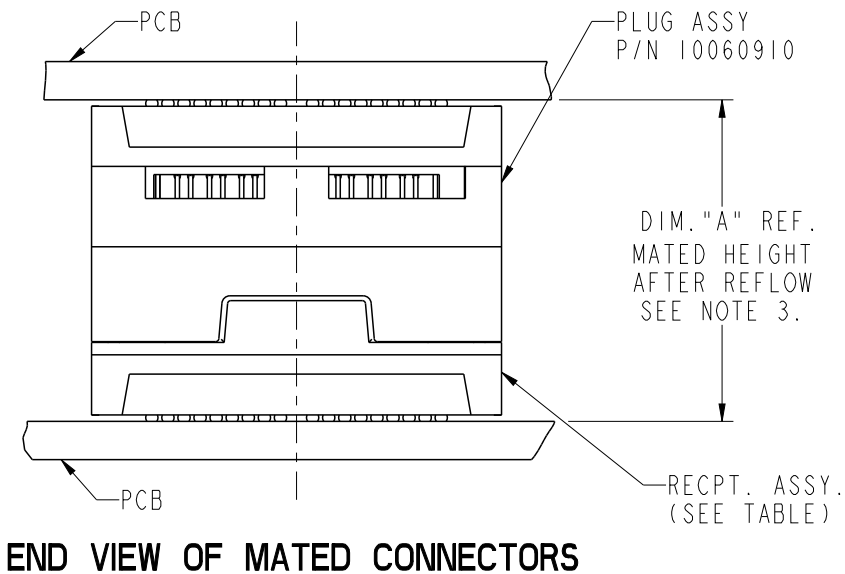
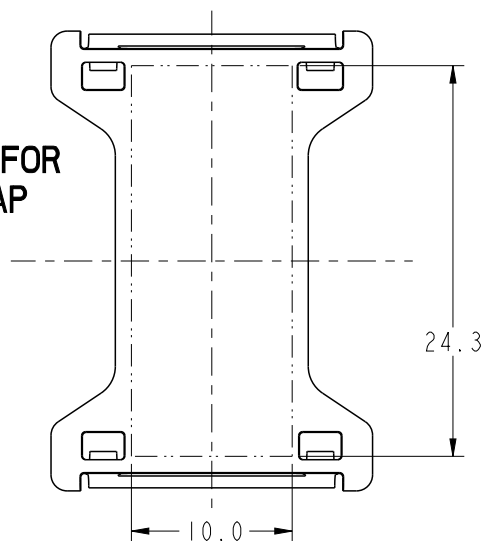


PLUG INTERFACE
DESCRIPTION

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	2011/06/15			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 - 13mm PLUG ASSY 200 SIG POS.			dwg no	10060910		rev	E
		0.XX	±0.10										
		0.XXX	±0.05										
	-	angular	0°										

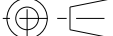
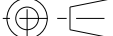
ProjE File - REV C - 2009-06-09

FLAT AREA FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

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

spec ref -				dr Bill Lin2010/02/02		projection 		mm 		size A4		scale 1:1	
tolerance std ASME Y14.5 - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo2011/06/15						ecn no ELX-DG-003943-1			
				chr Alex Cao2011/06/24									
				appr Pei-Ming Zheng2011/06/27		product family GIG-Array				rel level Released			
surface ✓ - 													

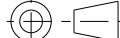


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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10060910-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
10060910-001LF	LEADFREE	
10060910-201	STANDARD (EUTECTIC)	
10060910-201LF	LEADFREE	

NOTES:

- ① MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
- 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 WITH THES 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 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/15				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 - 13mm PLUG ASSY 200 SIG POS.			dwg no 10060910	rev E
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 5 of 5

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