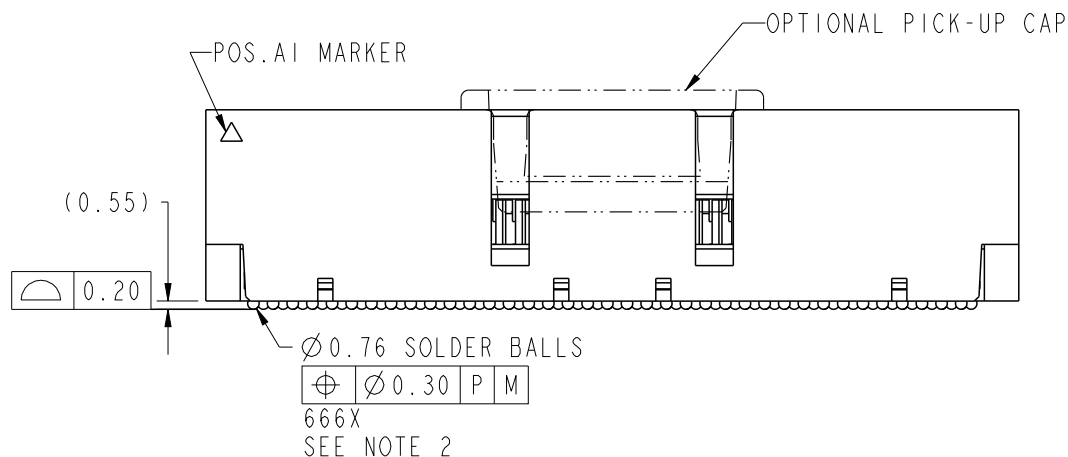
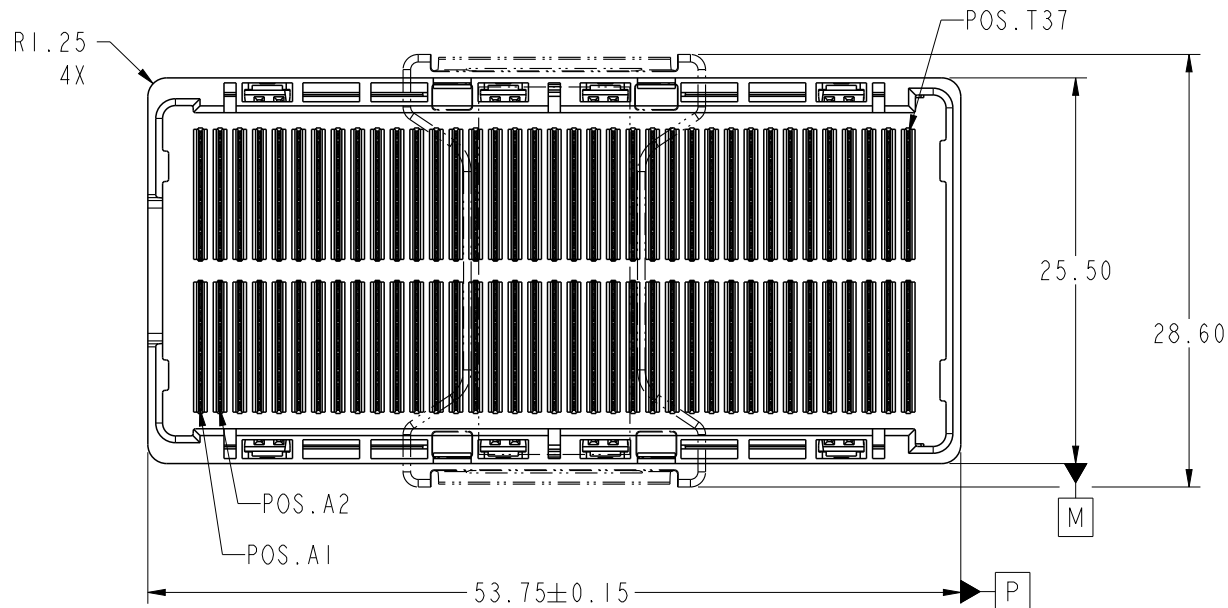


rev	ecn no	dr	date
A	V06-0148	LP	2006-04-24
B	V06-0558	LP	2006-06-21
C	V08-0190	HTB	2008-04-15
D	V09-0071	PK	2009-02-24
-	-	-	-



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	3.2	linear	0.X	±0.3		title	GIG-Array 13mm PLUG 296. POS. (LOW INSERTION FORCE TIP)			dwg no	10060911		rev	E
			0.XX	±0.10										
			0.XXX	±0.050										
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no.	-		Product - Customer Drw			sheet 1 of 5		

Print File - REV C - 2009-06-09

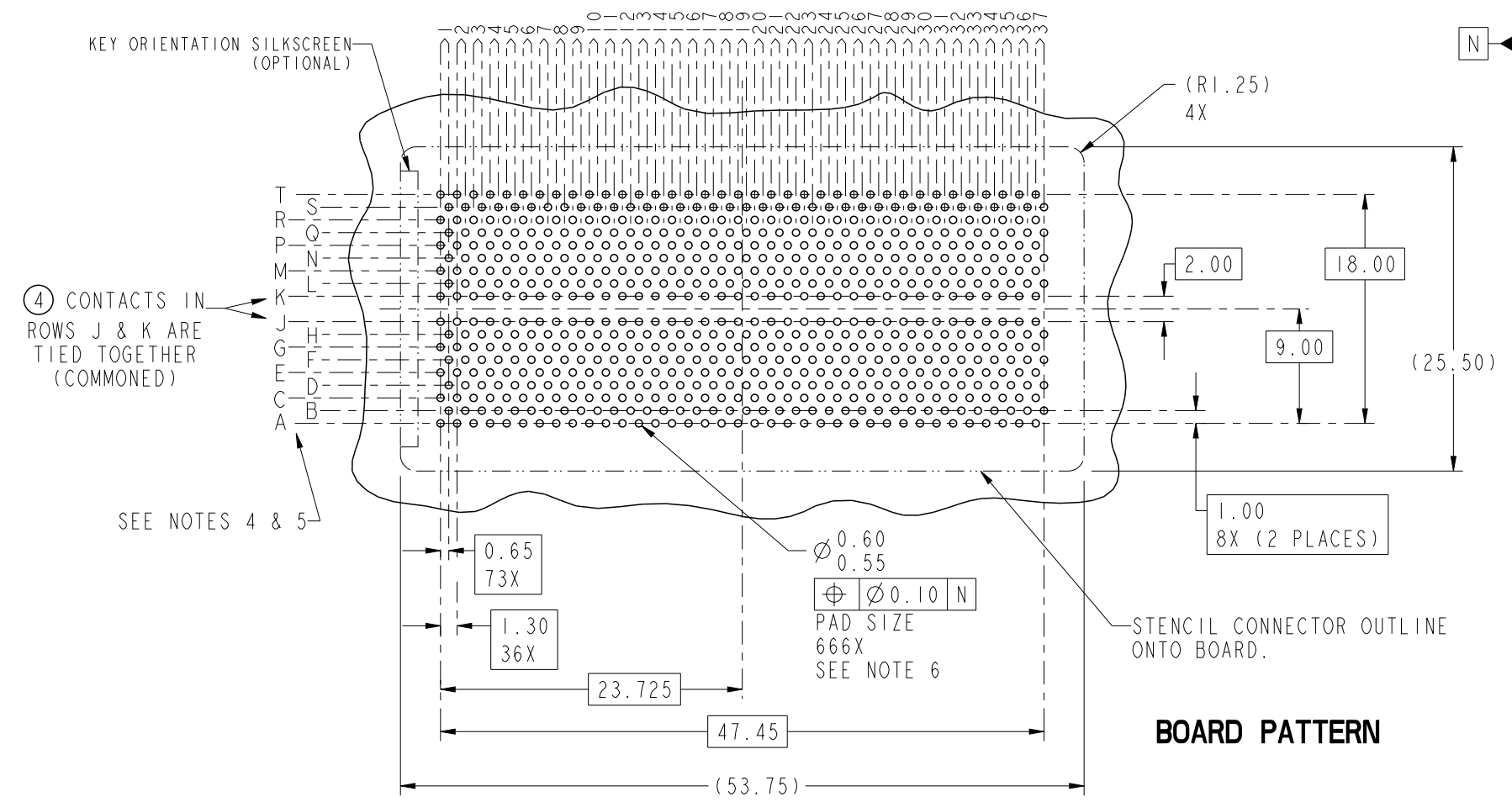
PDS: Rev :E

STATUS:Released

Printed: Jun 27, 2011



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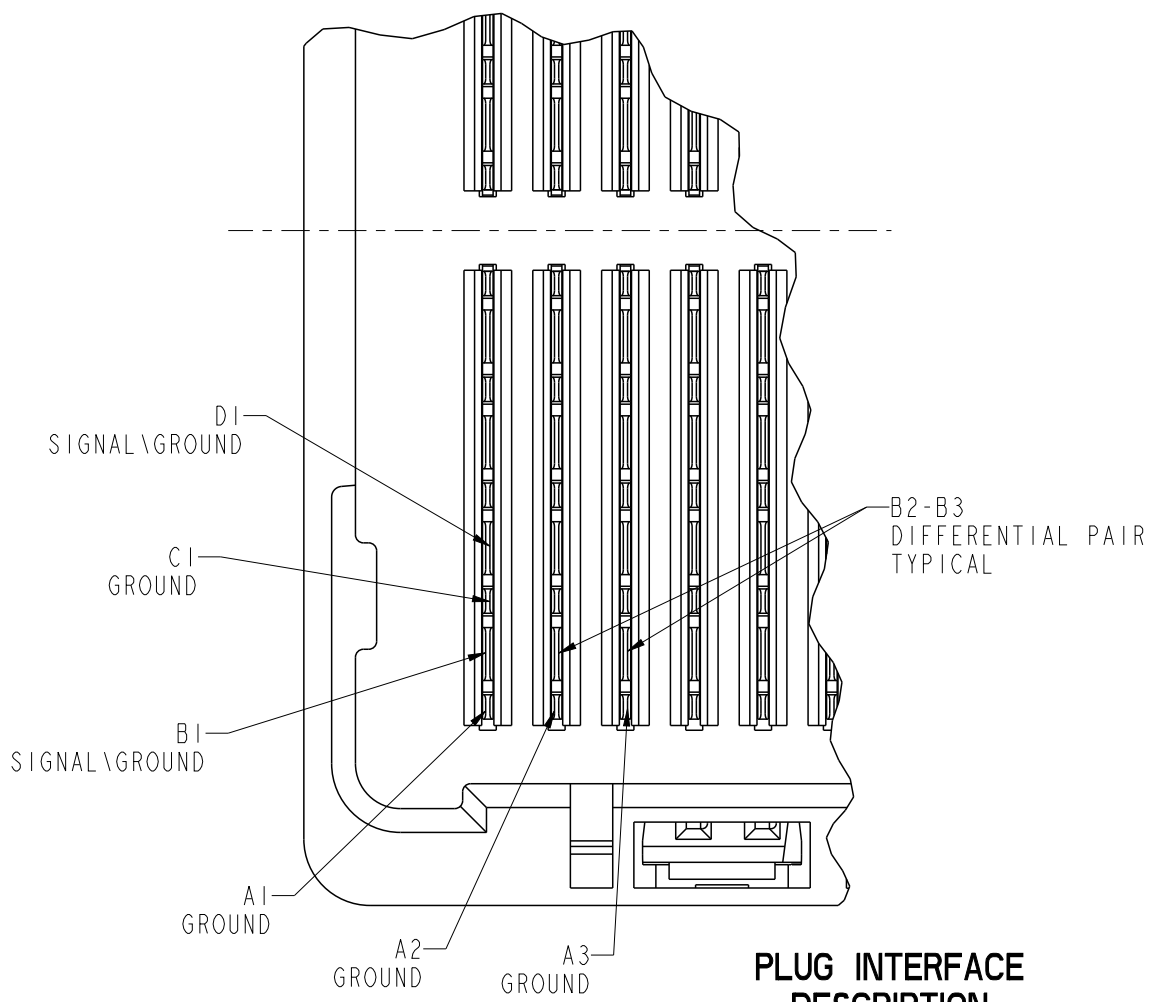


spec ref -				dr	Bill Lin	2010/02/02	projection	MM	size	A4	scale	1:1		
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/15			ecn no	ELX-DG-003943-1				
				chr	Alex Cao	2011/06/24								
				appr	Pei-Ming Zheng	2011/06/27						product family		GIG-Array
surface	linear	0.X	±0.3		title	GIG-Array 13mm PLUG 296. POS. (LOW INSERTION FORCE TIP)				dwg no	10060911		rev	E
		0.XX	±0.10											
		0.XXX	±0.050											
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 2 of 5			

Print File - REV C - 2009-06-09



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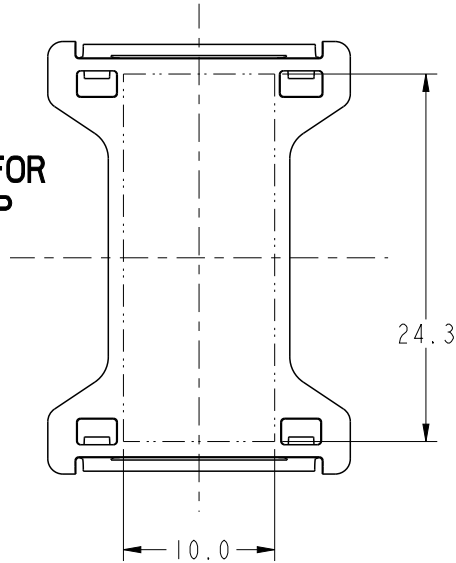


PLUG INTERFACE DESCRIPTION

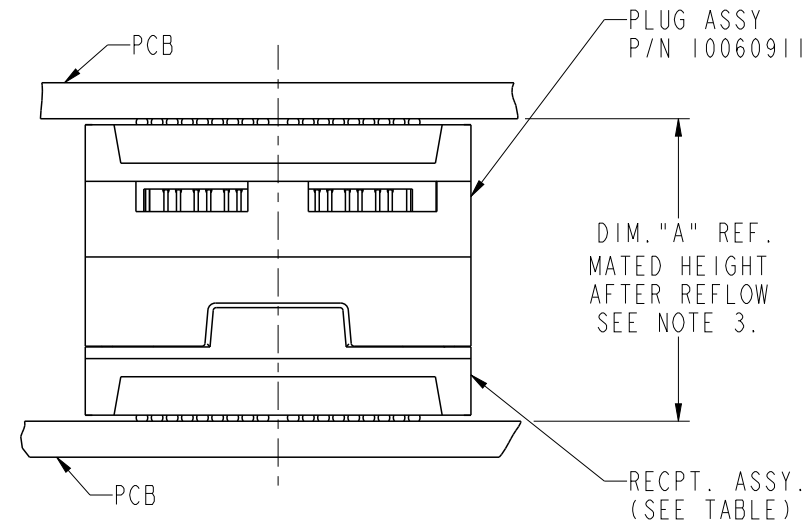
spec ref -				dr	Bill Lin	2010/02/02	projection	MM	size	A4	scale	1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/15			ecn no ELX-DG-003943-1			
				chr	Alex Cao	2011/06/24			rel level Released			
				appr	Pei-Ming Zheng	2011/06/27						
surface 3.2 ASME Y14.5	linear	0.X	±0.3		title GIG-Array 13mm PLUG 296. POS. (LOW INSERTION FORCE TIP)				dwg no	10060911		rev E
		0.XX	±0.10									
		0.XXX	±0.050									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw				sheet 3 of 5	

Print File - REV C - 2009-06-09

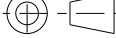
FLAT AREA FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS



DIM. "A"	RECPT. ASSY. P/N
28	55733
18	55701

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  ASME Y14.5	linear	0.X	±0.3		title GIG-Array 13mm PLUG 296. POS. (LOW INSERTION FORCE TIP)			dwg no 10060911		rev E
		0.XX	±0.10							
		0.XXX	±0.050							
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 4 of 5	

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10060911-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10060911-001LF	LEADFREE	
10060911-201	STANDARD (EUTECTIC)	
10060911-201LF	LEADFREE	

NOTES:

- ① MATERIAL:
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.

NOTES CONTINUED

- ⑦ 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.
- ⑧ 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.

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			product family GIG-Array				rel level
				appr	Pei-Ming Zheng	2011/06/27							
surface 3.2 	linear	0.X	±0.3		title	GIG-Array 13mm PLUG 296. POS. (LOW INSERTION FORCE TIP)			dwg no	10060911		rev	E
		0.XX	±0.10										
		0.XXX	±0.050										
	ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 5 of 5	