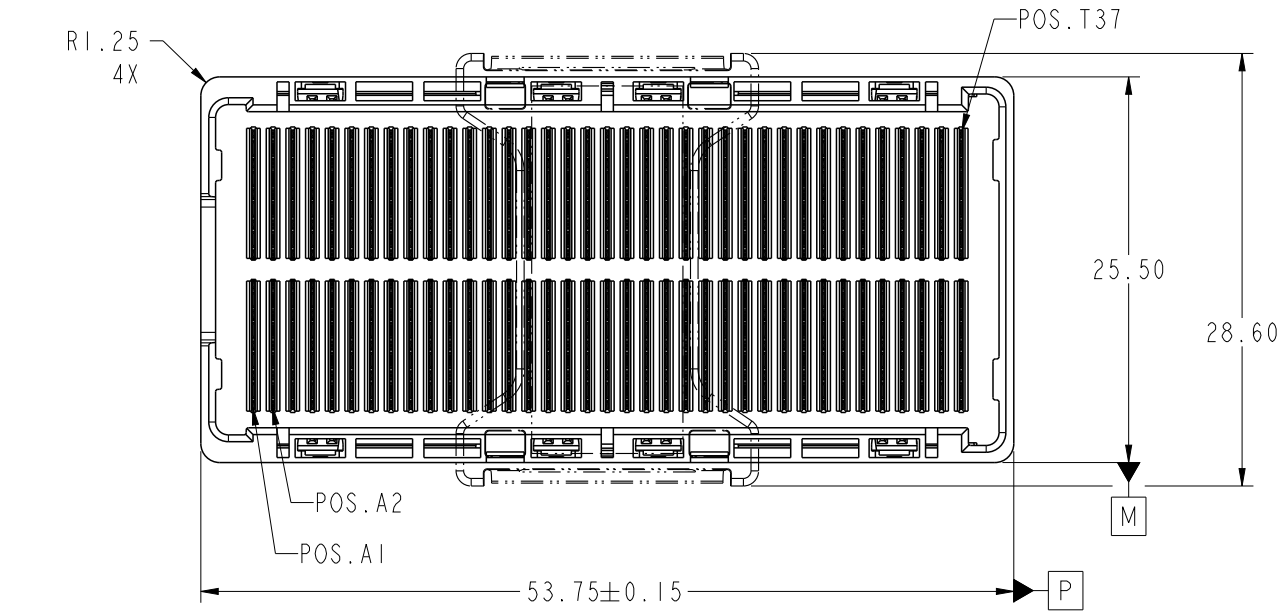
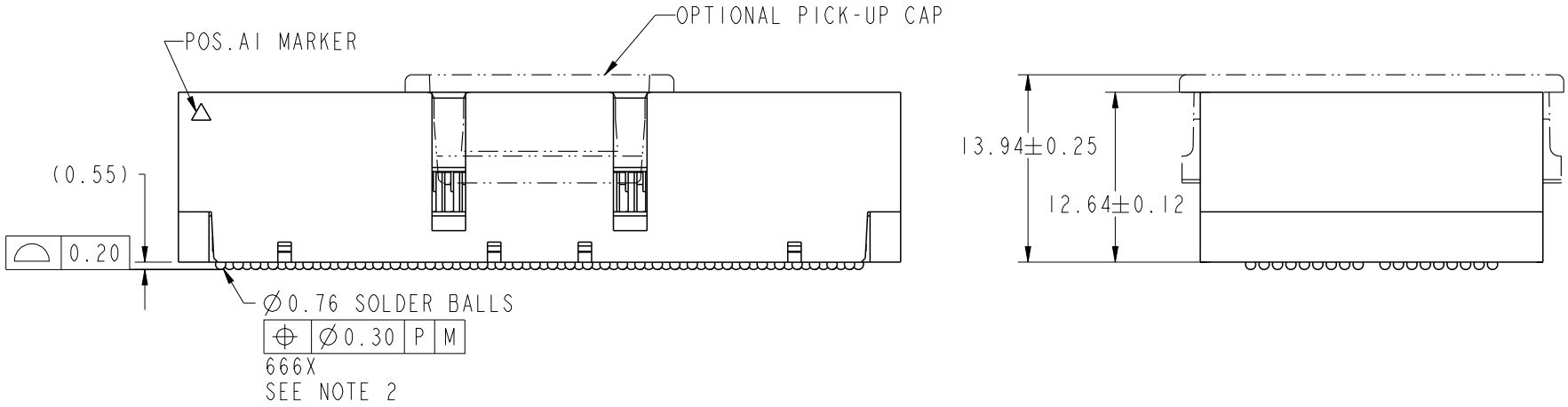
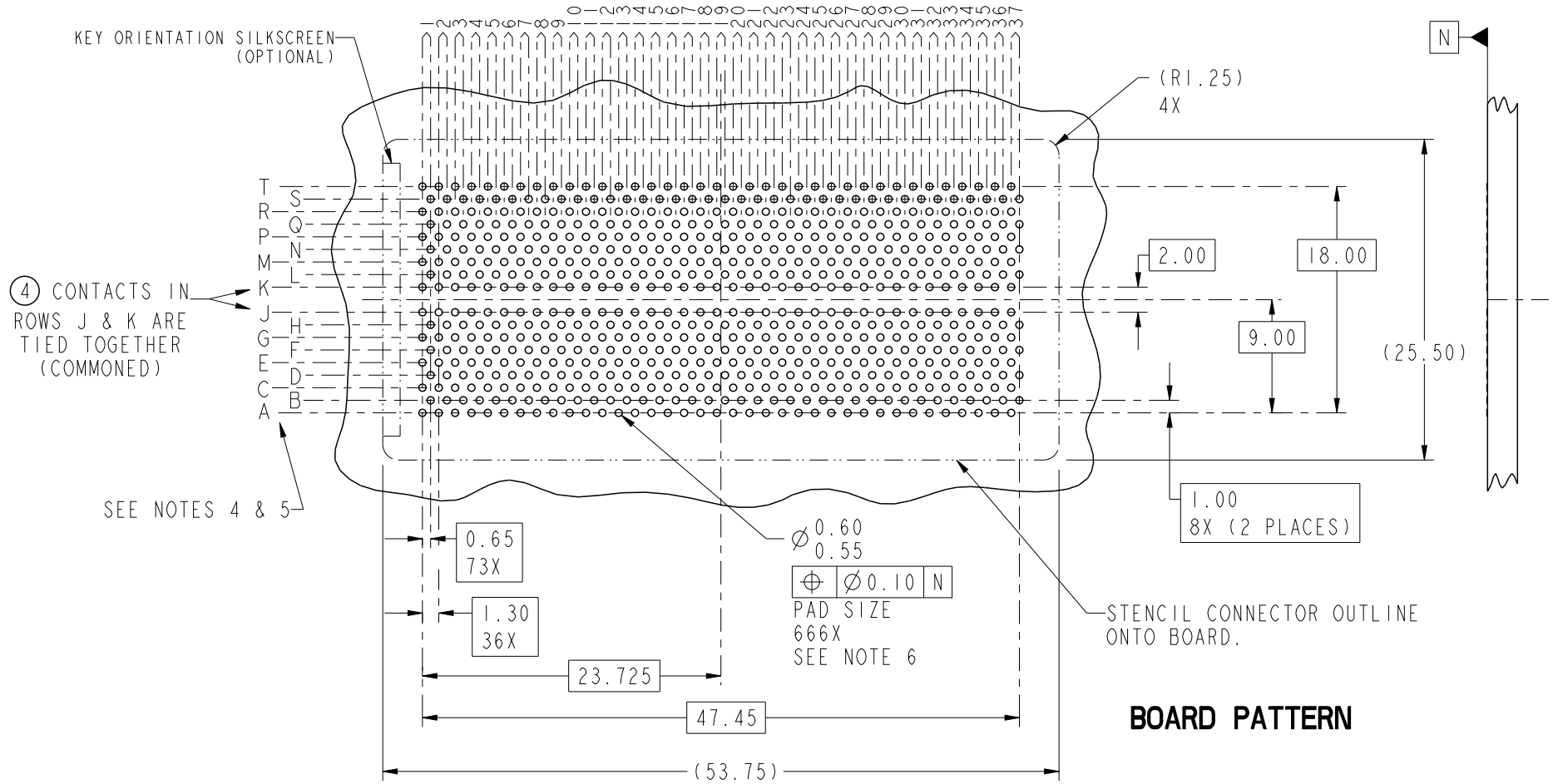
rev	ecn no	dr	date
A	V06-0148	LP	2006-04-24
B	V06-0558	LP	2006-06-21
C	V08-0190	HTB	2008-04-15
D	V09-0071	PK	2009-02-24
-	-	-	-





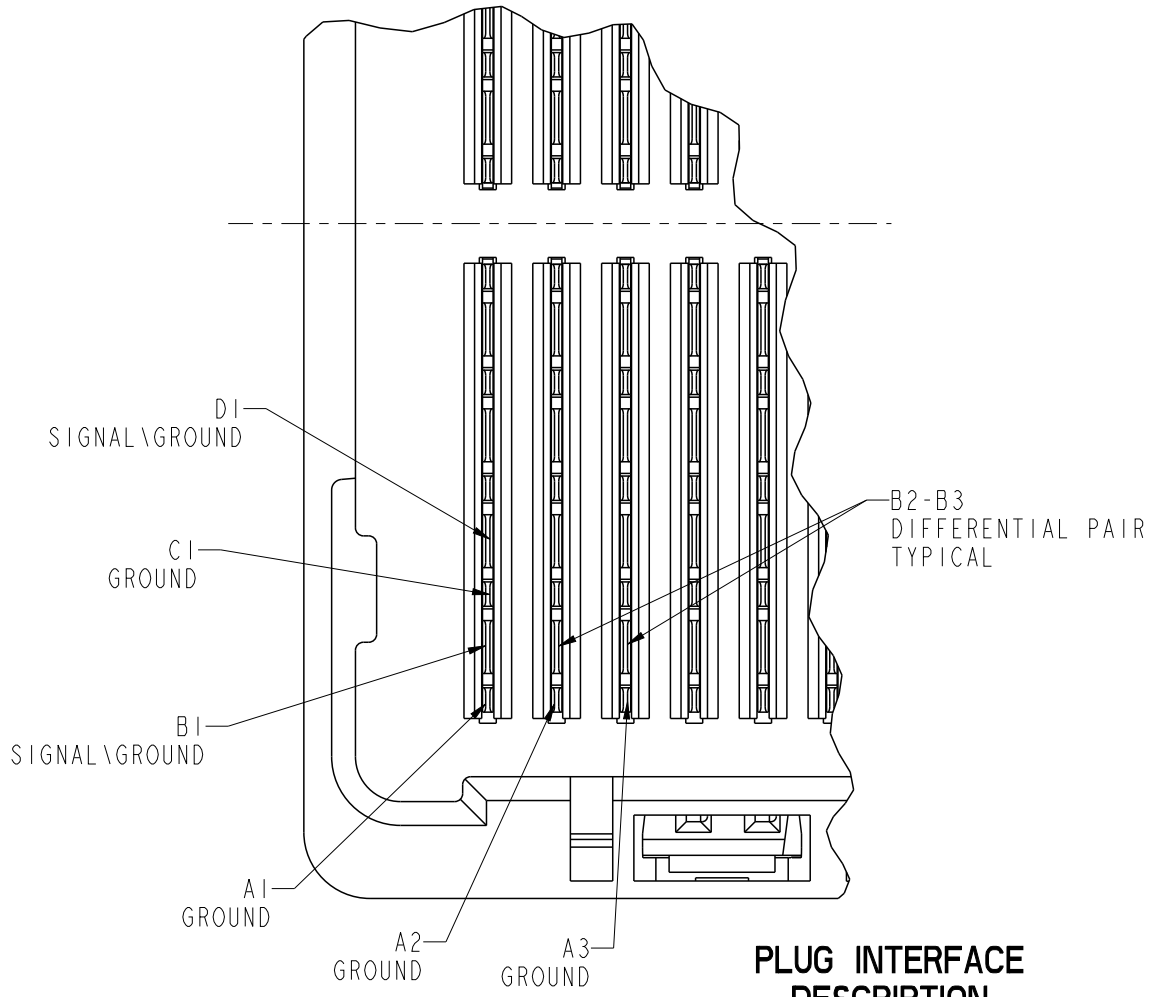
spec ref	-			dr	Bill Lin	2010/02/02	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/15	MM
ASME Y14.5 -				chr	Alex Cao	2011/06/24	size A4 / scale 1:1
				appr	Pei-Ming Zheng	2011/06/27	ecn no ELX-DG-003943-1
surface 3.2	linear	0.X	±0.3	FCI	GIG-Array 13mm PLUG 296.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

Pro/E File - REV C - 2009-06-09



BOARD PATTERN

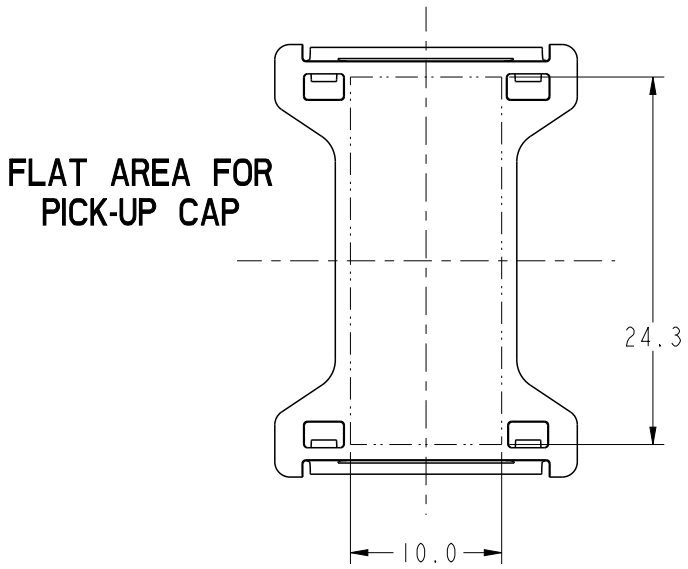
spec ref	-	dr	Bill Lin	2010/02/02	projection	MM	size A4 / scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/06/15			ecn no ELX-DG-003943-1
		chr	Alex Cao	2011/06/24			
		appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	rel level Released
surface 3.2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

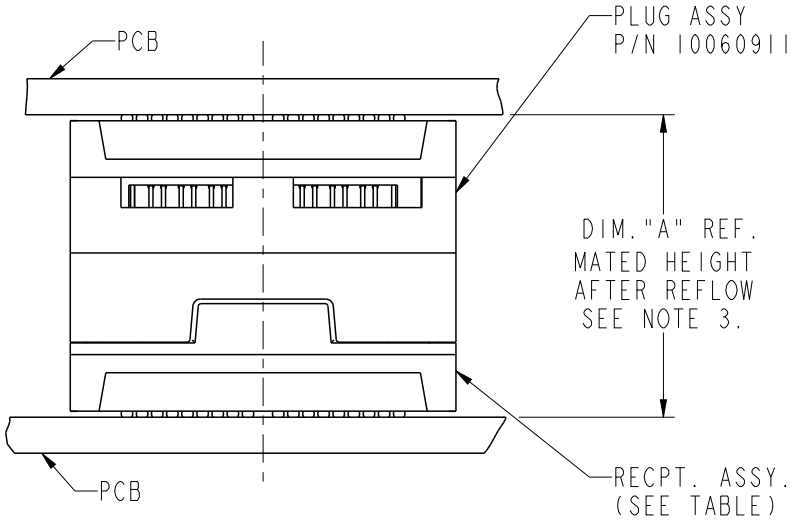


PLUG INTERFACE DESCRIPTION

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				
				chr	Alex Cao	2011/06/24			ecn no	ELX-DG-003943-1
				appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	rel level	Released
surface 3.2	linear	0.X	±0.3	FCI	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			

Pro/E File - REV C - 2009-06-09





END VIEW OF MATED CONNECTORS

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

spec ref	-			dr	Bill Lin	2010/02/02	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/15	MM
ASME Y14.5 -				chr	Alex Cao	2011/06/24	size A4 / scale 1:1
				appr	Pei-Ming Zheng	2011/06/27	ecn no ELX-DG-003943-1
surface 3.2	linear	0.X	±0.3				product family GIG-Array / rel level Released
		0.XX	±0.10				
		0.XXX	±0.050				
ASME Y14.5	angular	0°	±2°				

FCI www.fci.com

title: GIG-Array 13mm PLUG 296. POS. (LOW INSERTION FORCE TIP)

dwg no 10060911 rev E

cat. no. - Product - Customer Drw sheet 4 of 5

Pro/E 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)	Au over Ni
10060911-201LF	LEADFREE	

NOTES:

1. MATERIAL:
   HOUSING: LCP
   CONTACT: COPPER ALLOY
   PLATING (CONTACT): Au OVER Ni.
   UL RATING: 94 V-O

2. SOLDER BALLS WILL NOT BE PERFECT SHPERICAL 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 THERFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION.

spec ref	-			dr	Bill Lin	2010/02/02	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/15	MM
ASME Y14.5 -				chr	Alex Cao	2011/06/24	size A4 / scale 1:1
				appr	Pei-Ming Zheng	2011/06/27	ecn no ELX-DG-003943-1
							product family GIG-Array / rel level Released
surface 3.2	linear	0.X	±0.3	FCI	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