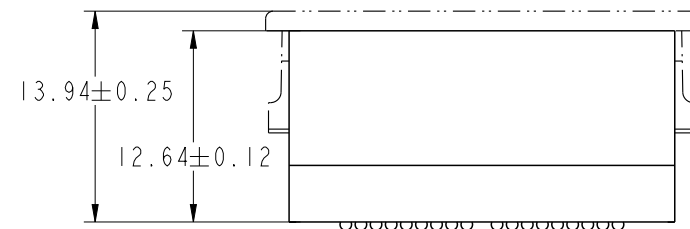
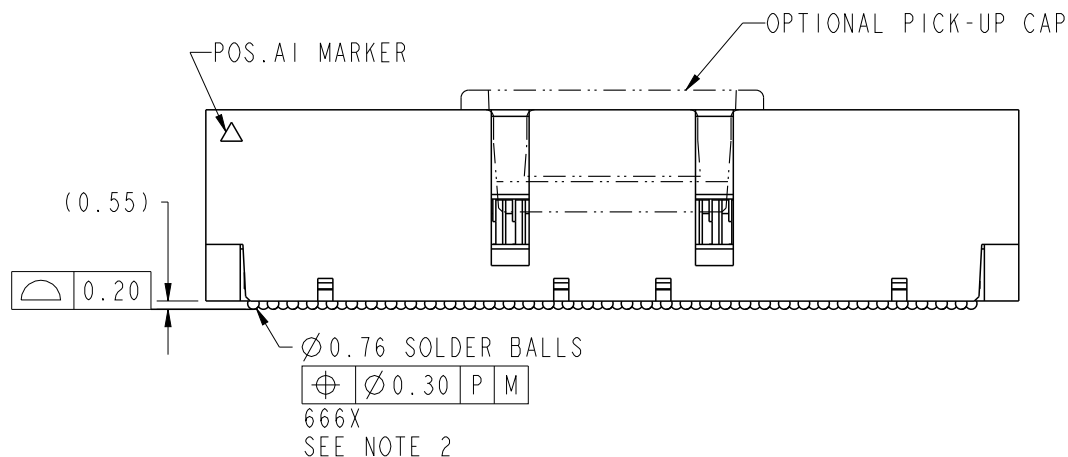
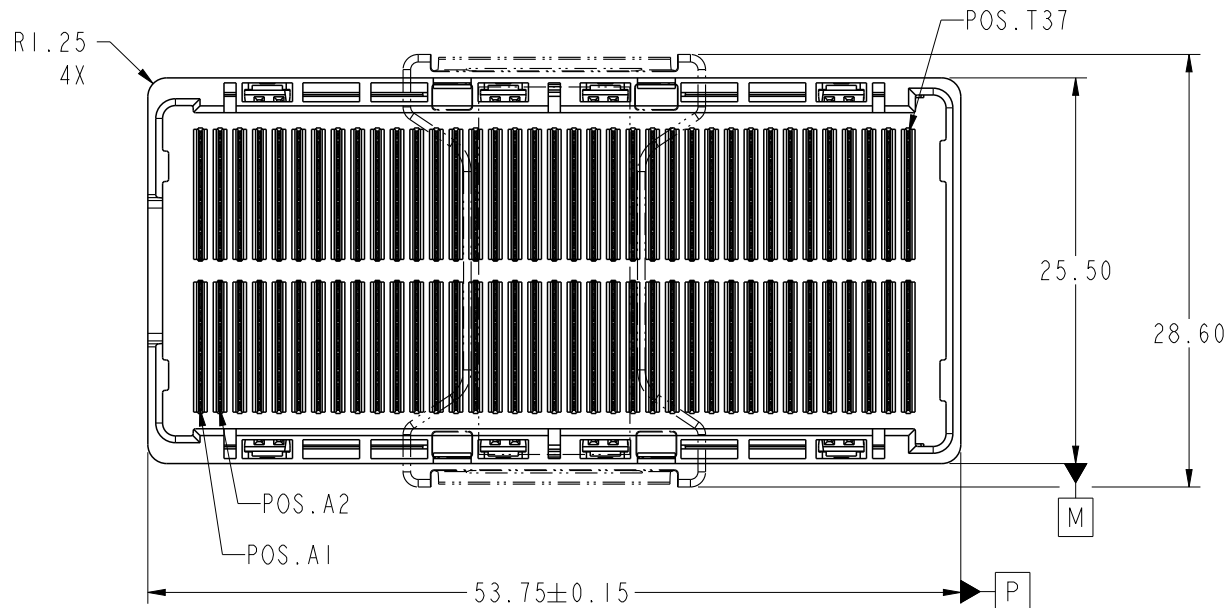


rev	ecn no	dr	date
A	V06-0148	LP	2006-04-24
B	V06-0558	LP	2006-06-21
C	V08-0190	HTB	2008-04-15
D	V09-0071	PK	2009-02-24
-	-	-	-



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			rel level Released				
				appr	Pei-Ming Zheng	2011/06/27	product family GIG-Array						
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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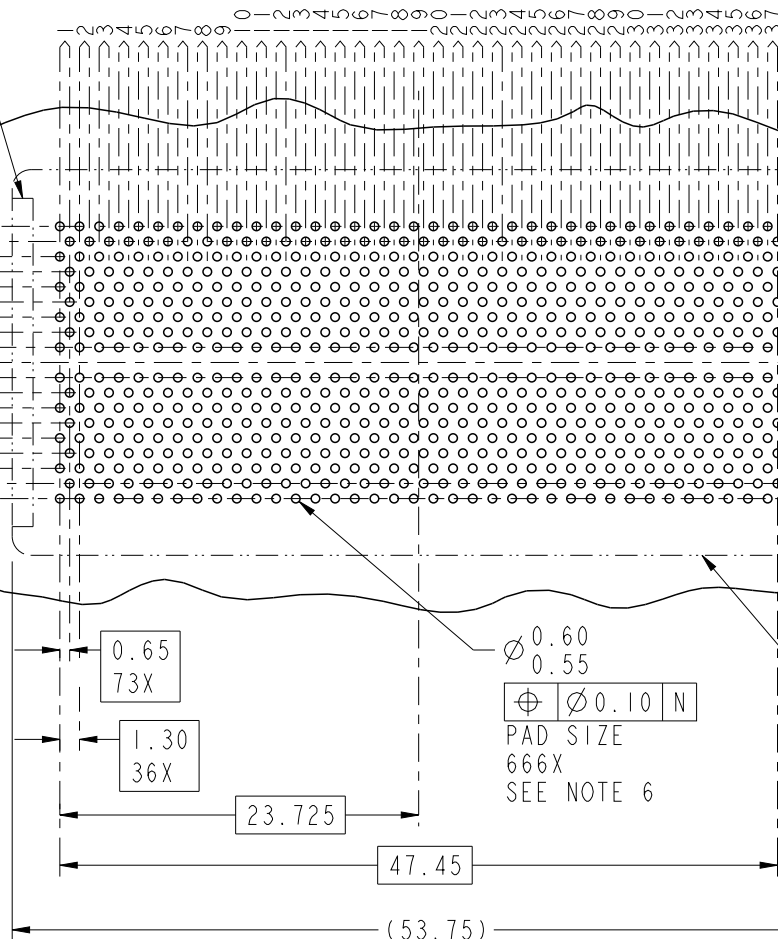
KEY ORIENTATION SILKSCREEN
(OPTIONAL)

④ CONTACTS IN
ROWS J & K ARE
TIED TOGETHER
(COMMONED)

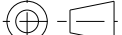
SEE NOTES 4 & 5

T
R
P
M
K
J
G
E
C
A

S
Q
N
L
H
F
D
B



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			rel level Released				
-				appr	Pei-Ming Zheng	2011/06/27	product family					GIG-Array	
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										
		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 of 5		

Print File - REV C - 2009-06-09



www.fci.com

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

cat. no.

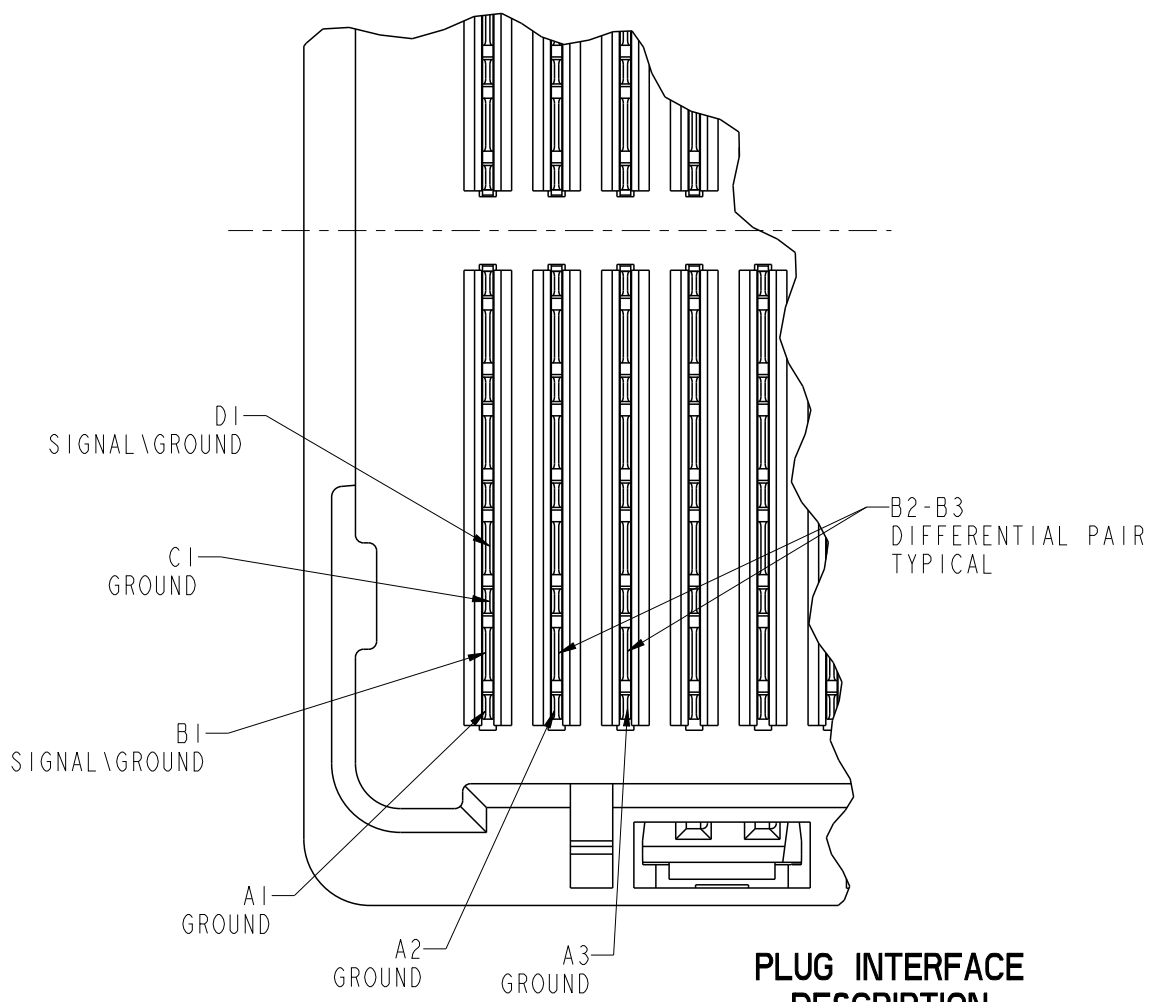
PDS: Rev :E

STATUS:Released

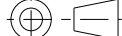
Printed: Jun 27, 2011



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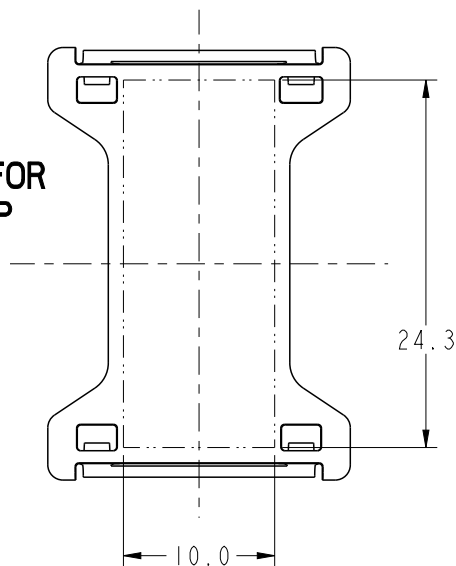


PLUG INTERFACE DESCRIPTION

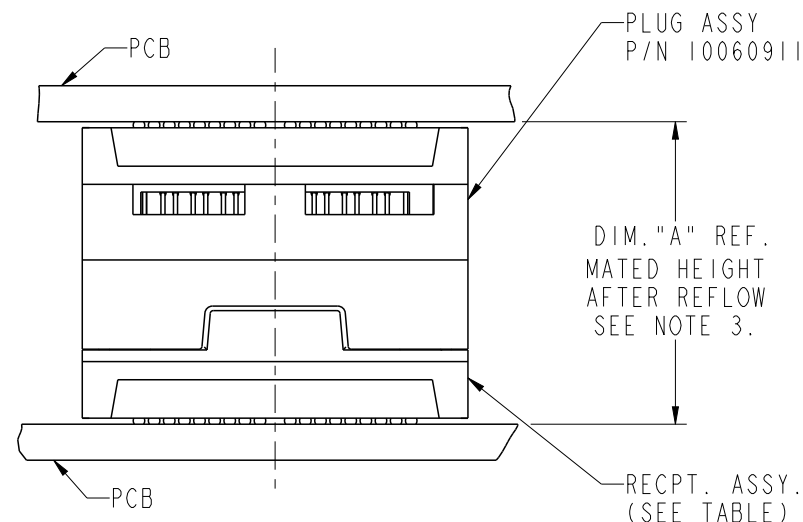
spec ref -				dr Bill Lin2010/02/02		projection 	MM 	size A4	scale 1:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo2011/06/15				ecn no ELX-DG-003943-1		
				chr Alex Cao2011/06/24				rel level Released		
				appr Pei-Ming Zheng2011/06/27						
surface 3.2 		linear	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	

PrintE 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				eng Nickor Zuo		2011/06/15						ecn no ELX-DG-003943-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Alex Cao		2011/06/24									
-				appr Pei-Ming Zheng		2011/06/27		product family GIG-Array				rel level Released			
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													
angular		0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 4 of 5			



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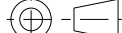
1		2	3	4
A	PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL	
	10060911-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE	
	10060911-001LF	LEADFREE		
	10060911-201	STANDARD (EUTECTIC)	Au over Ni	
	10060911-201LF	LEADFREE		

NOTES:

- ① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-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 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				product family GIG-Array		rel level Released			
						appr Pei-Ming Zheng2011/06/27									
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	

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[10060911-001](#) [10060911-001LF](#) [10060911-201](#) [10060911-201LF](#)