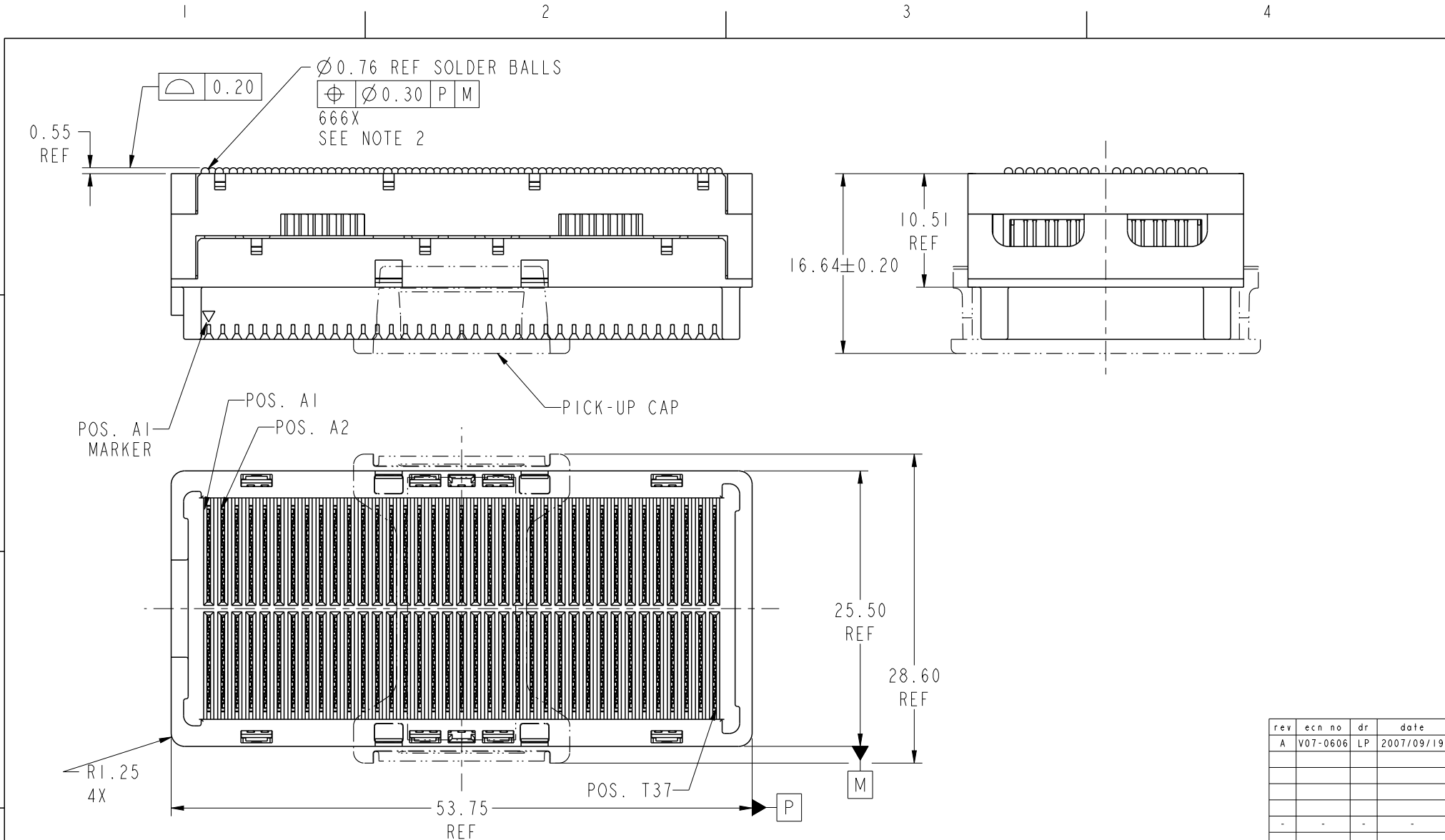




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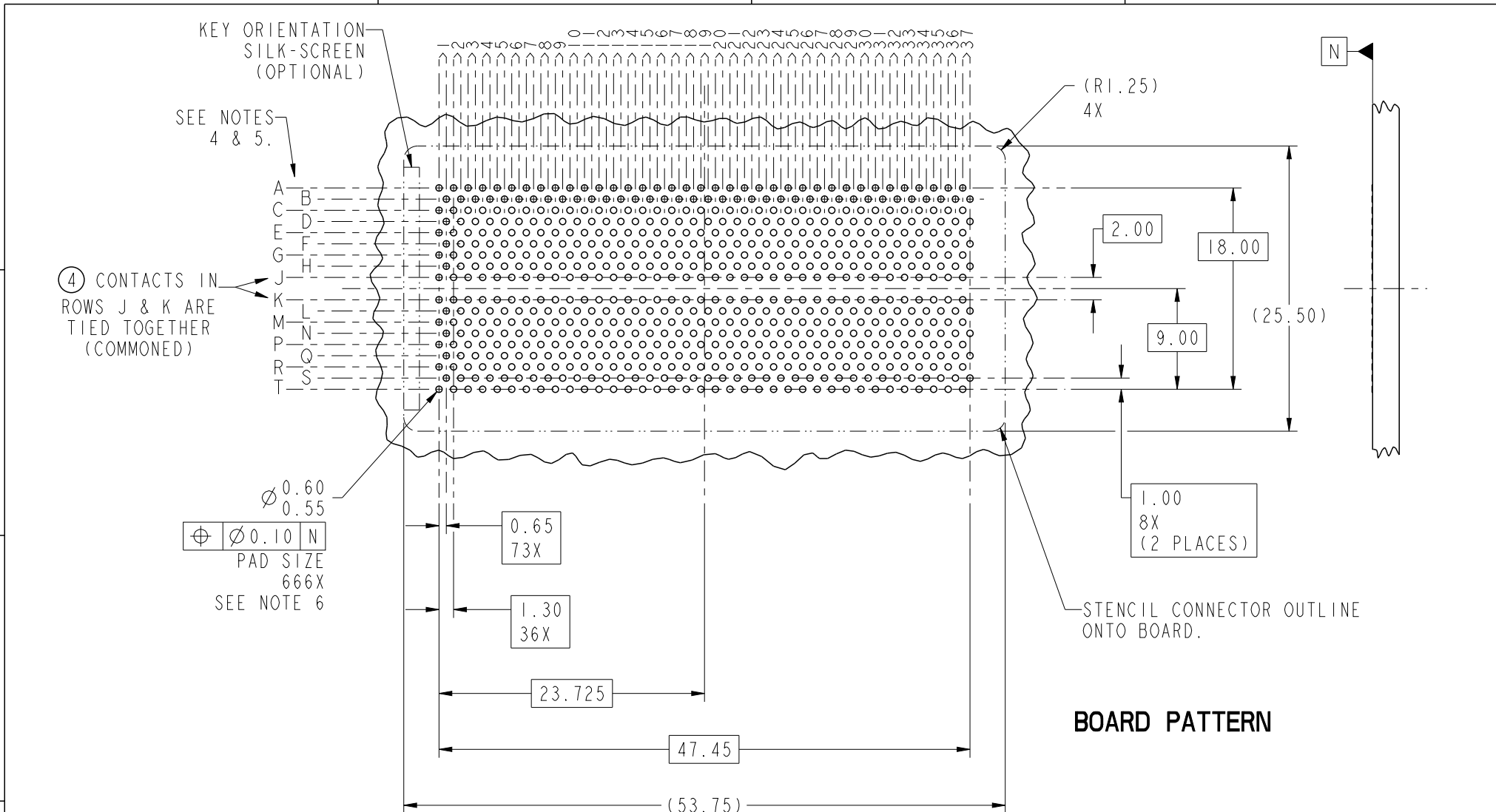
rev	ecn no	dr	date
A	V07-0606	LP	2007/09/19

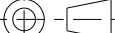
spec ref	-	dr	Bill Lin	2010/02/02	projection		mm	size	A4	scale	3:10
tolerance std	-	eng	Nickor Zuo	2011/06/24				ecn no	ELX-DG-003943-1		
-	-	chr	Alex Cao	2011/06/24				rel level	Released		
-	-	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array					
surface	3.2	linear	0.X	± 0.30				title			10081497
			0.XX	± 0.10							
			0.XXX	± 0.05							
ASME Y14.5		angular	0°	$\pm 2^\circ$	www.fci.com			cat. no.			
					Product - Customer Drw			sheet 1 of 5			

Print File - REV C - 2009-06-09

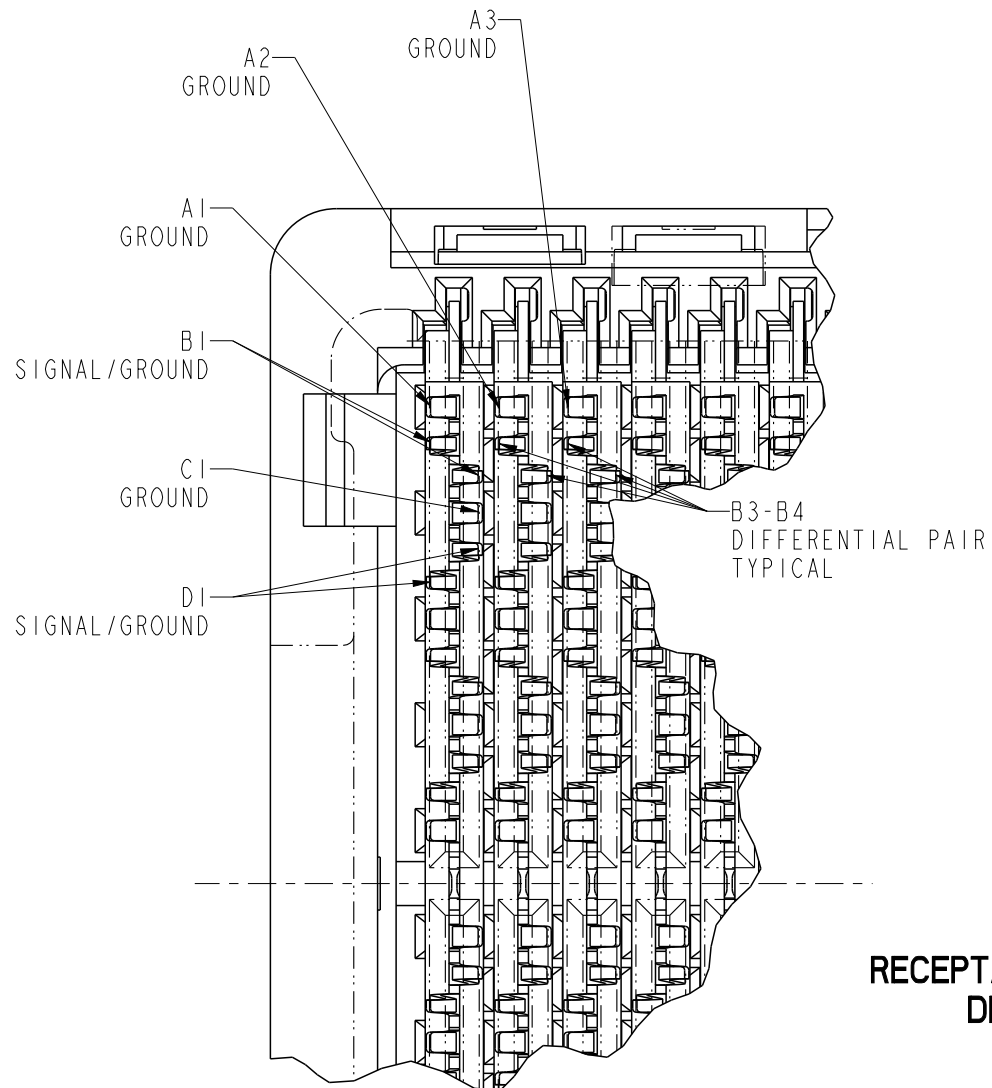


Copyright FCI.

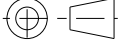


spec ref -				dr Bill Lin 2010/02/02		projection 		size A4	scale 2:1
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/24				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array									
surface 	linear	0.X	±0.30		title GIG-Array 11mm RECP. ASSY. 296 SIG. POS.			dwg no 10081497	rev B
		0.XX	±0.10						
		0.XXX	±0.05						
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

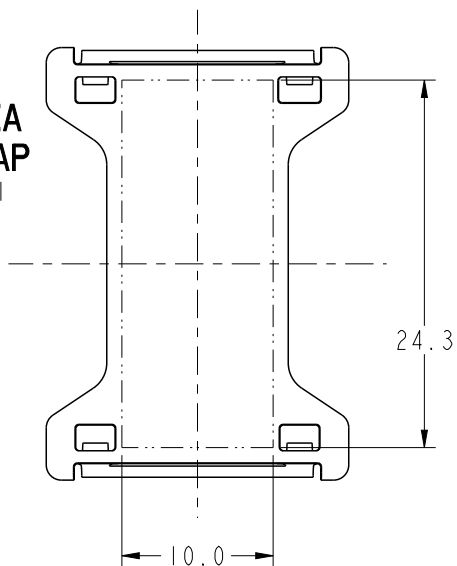


RECEPTACLE INTERFACE DESCRIPTION

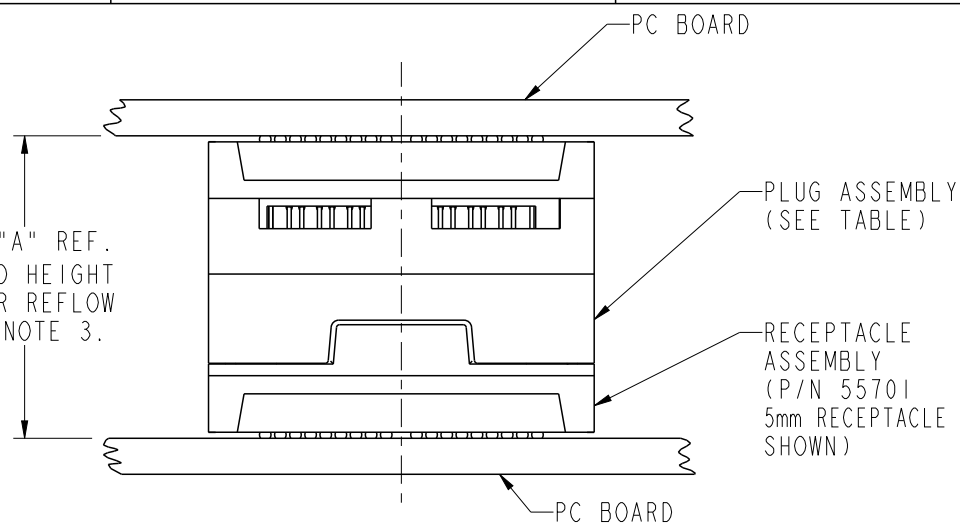
spec ref		-		dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	3:10	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/24			ecn no				ELX-DG-003943-1
				chr	Alex Cao	2011/06/24			rel level				Released
				appr	Pei-Ming Zheng	2011/06/27			product family		GIG-Array		
surface		linear	0.X	±0.30		title	GIG-Array		dwg no	10081497		rev	B
			0.XX	±0.10									
			0.XXX	±0.05									
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
PICK-UP CAP**
SCALE 2:1

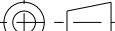


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
21	55720
23	10026804
24	10008026
26	55700
31	55727
36	10054784

spec ref -				dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	3:10
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/24			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 ✓	linear	0.X	±0.30		title GIG-Array 11mm RECP. ASSY. 296 SIG. POS.				dwg no	10081497		rev B
		0.XX	±0.10									
		0.XXX	±0.05									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 4 of 5	

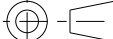
PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10081497-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10081497-001LF	LEADFREE	

NOTES:

- ① MATERIAL:
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.

NOTES CONTINUED

- 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				mm		size A4		scale 3:10	
tolerance std -				eng Nickor Zuo		2011/06/24						ecn no		ELX-DG-003943-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				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 ±0.30				title GIG-Array 11mm RECP. ASSY. 296 SIG. POS.				dwg no 10081497		rev B			
		0.XX ±0.10															
		0.XXX ±0.05															
ASME Y14.5		angular 0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 5 of 5					