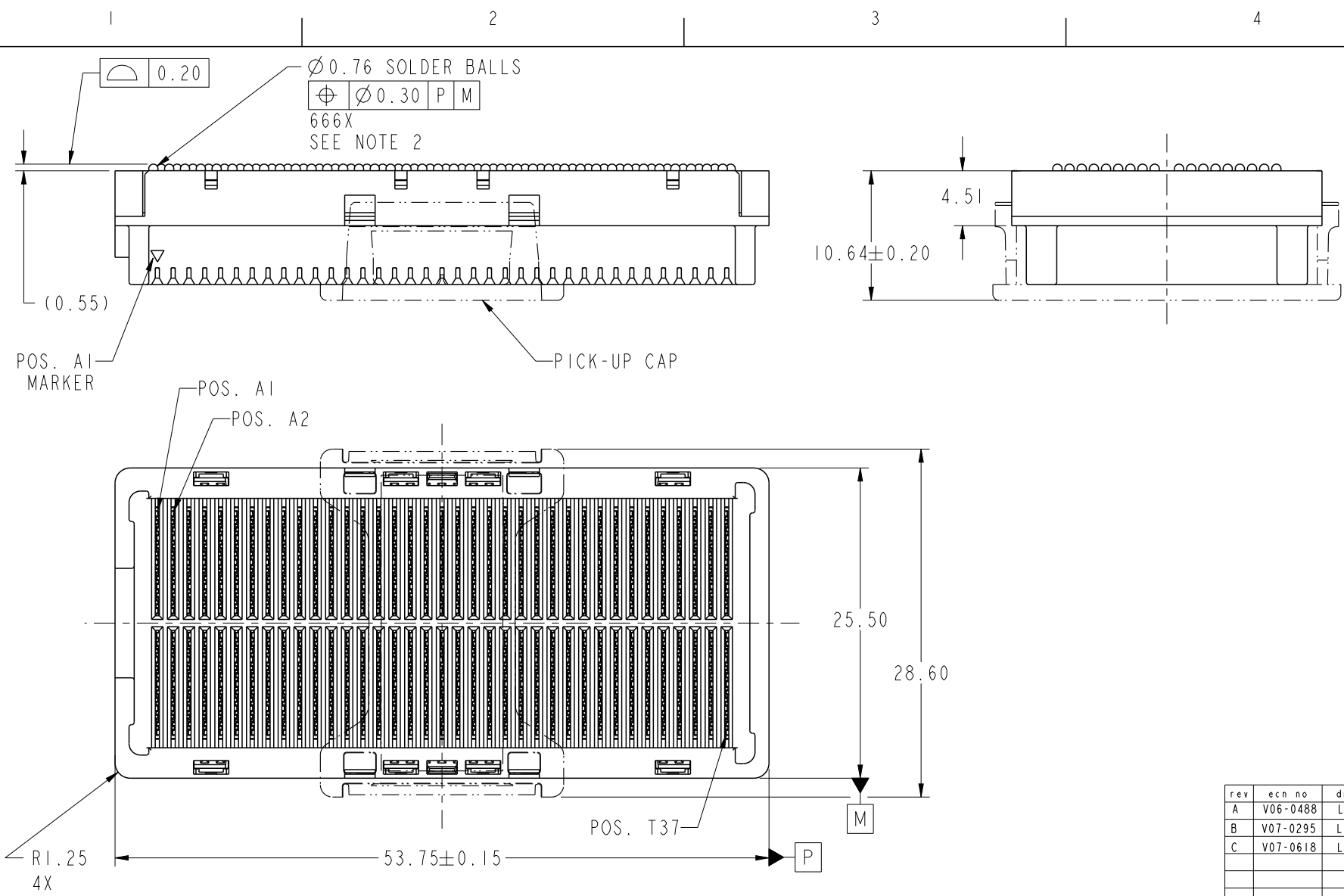
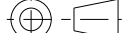




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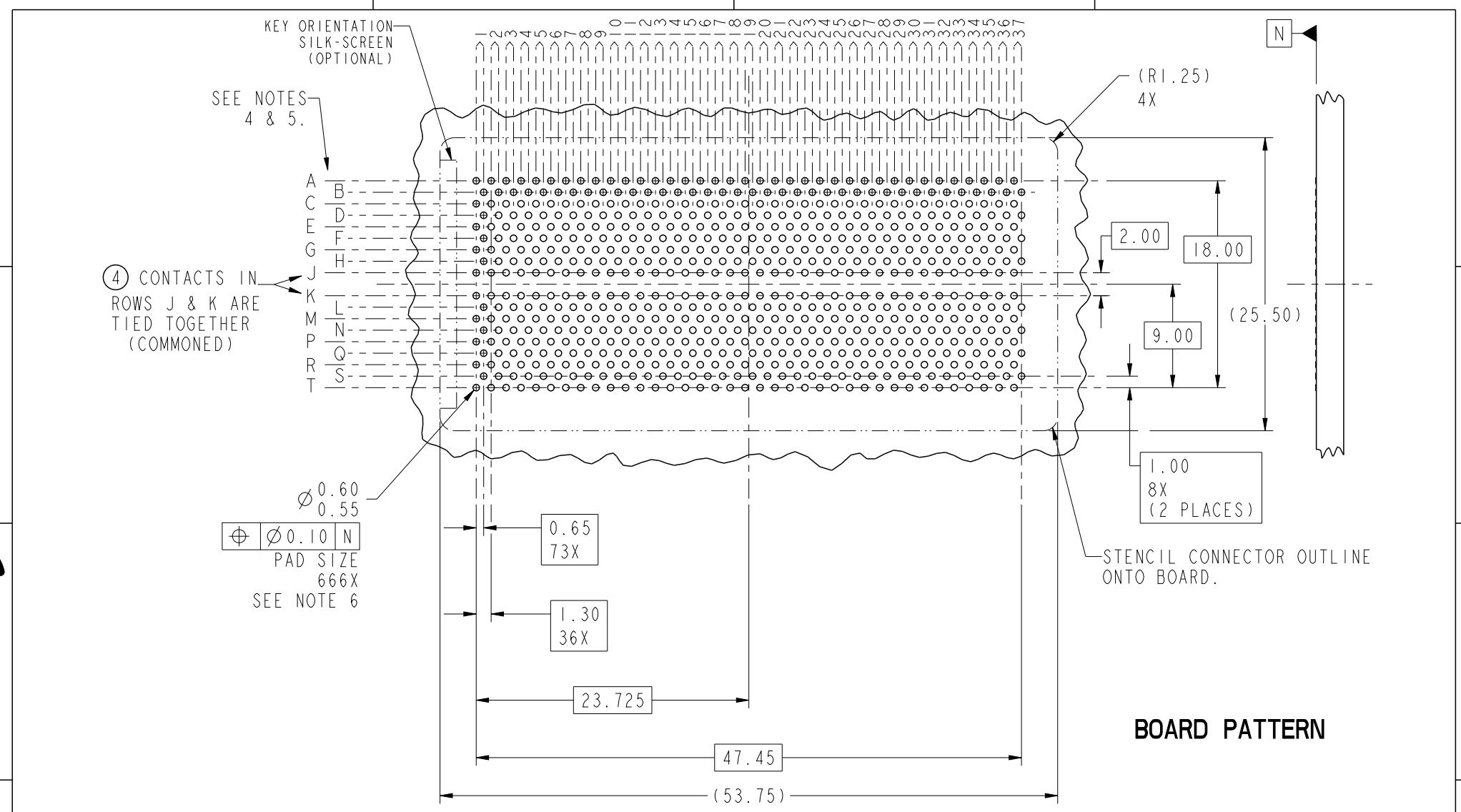


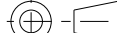
rev	ecn no	dr	date
A	V06-0488	LP	2006/06/05
B	V07-0295	LP	2007/05/17
C	V07-0618	LP	2007/10/15

spec ref		-		dr		Bill Lin		2010/02/02		projection		mm		size		A4		scale		21:10			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo		2011/05/27						ecn no		ELX-DG-003943-1							
ASME Y14.5				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 - 5mm RECEPTACLE		dwg no		10069345		rev		D	
				0.XX		±0.10																	
				0.XXX		±0.05																	
-		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 5									



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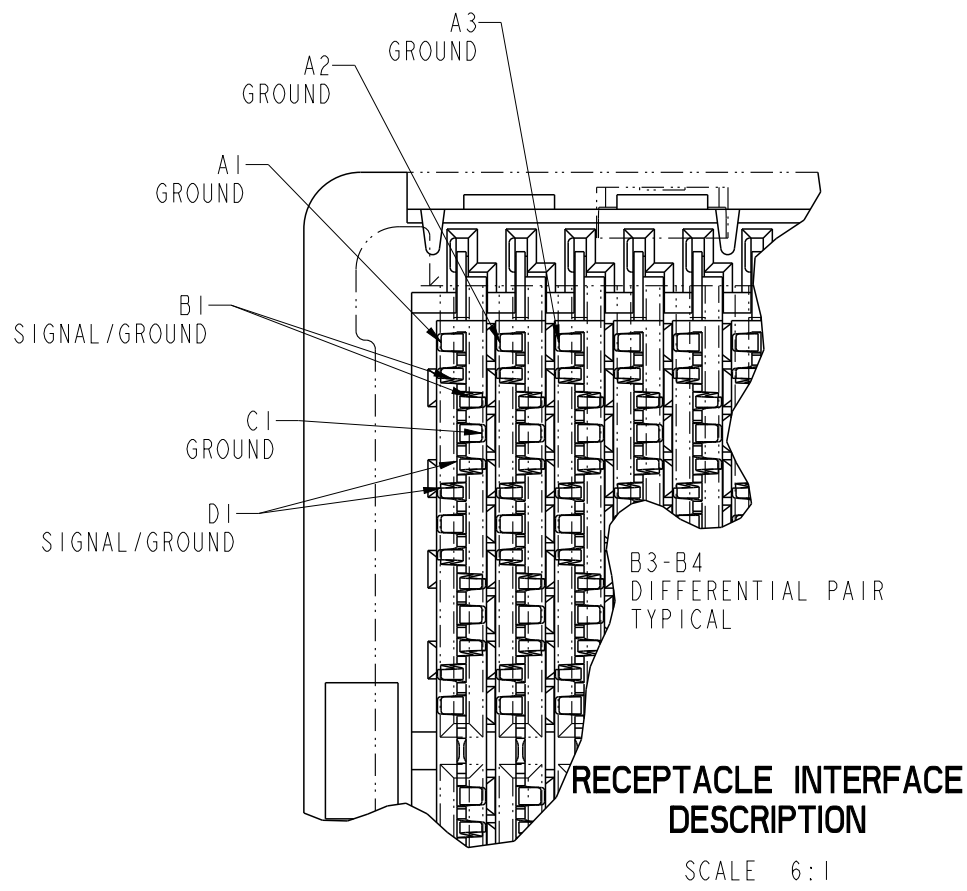


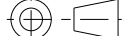
spec ref -				dr Bill Lin 2010/02/02		projection 	mm 	size A4	scale 21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/27				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array									
surface 	linear	0.X	±0.30		title GIG-Array - 5mm RECEPTACLE ASSY. 296 SIG. POS.			dwg no 10069345	rev D
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						

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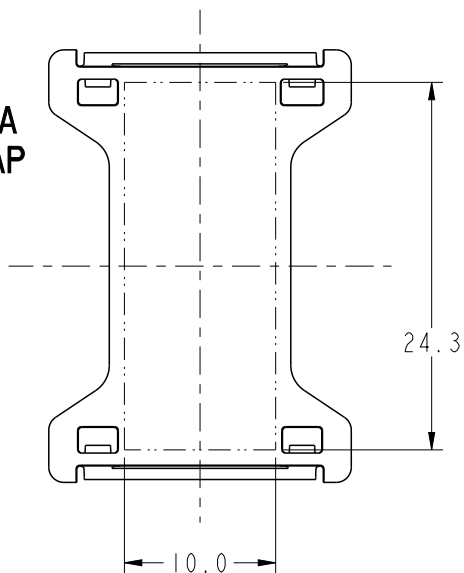
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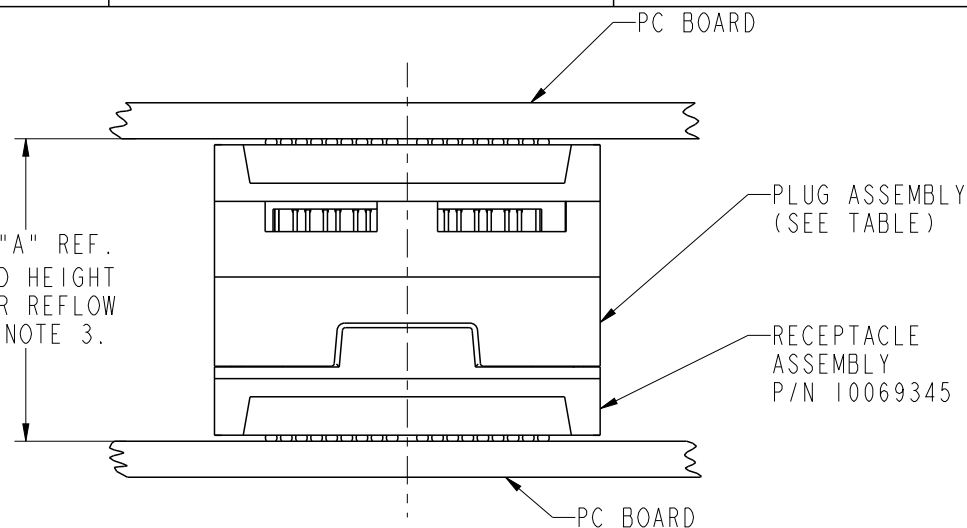
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/27				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27				product family GIG-Array	
surface 	linear	0.X	±0.30		title GIG-Array - 5mm RECEPTACLE ASSY. 296 SIG. POS.			dwg no 10069345	rev D
		0.XX	±0.10						
		0.XXX	±0.05						
-	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 3 of 5

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**FLAT AREA
PICK-UP CAP**
SCALE 2:1

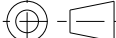


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
15	55720
17	10026804
18	10055143
20	55700
25	55727
30	10054784

spec ref -				dr		Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	11:10			
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Nickor Zuo	2011/05/27			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		±0.30			title	GIG-Array - 5mm RECEPTACLE				dwg no	10069345		rev	D
		0.XX		±0.10												
		0.XXX		±0.05												
	angular	0°		±2°				www.fci.com		cat. no.			Product - Customer Drw			

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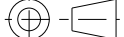
PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10069345-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10069345-001LF	LEADFREE	

NOTES:

- ① MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDERBALL: (SEE TABLE) EUTECTIC
SnPb OR LEAD FREE 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 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 THIS DIRECTIVE IS
IDENTIFIED IN THE LOT CODE NUMBER MARKED
ON EACHPART BY HAVING AN "X" IN THE SEVENTH
CHARACTER POSITION.

spec ref -				dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/05/27			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24			rel level Released			
				appr	Pei-Ming Zheng	2011/06/27						
surface ✓ -	linear	0.X	±0.30		title GIG-Array - 5mm RECEPTACLE ASSY. 296 SIG. POS.			dwg no	10069345		rev D	
		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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