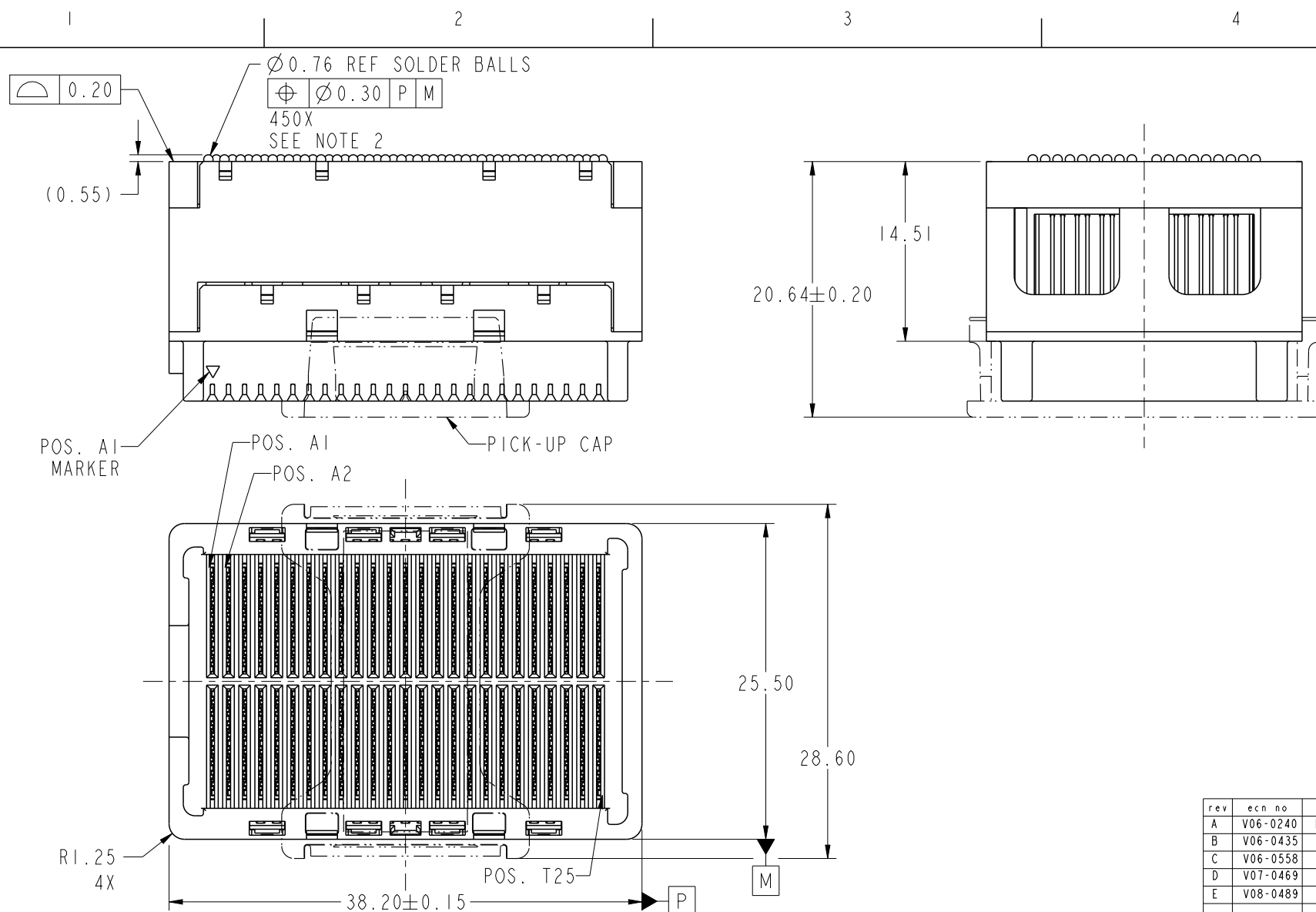
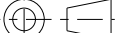




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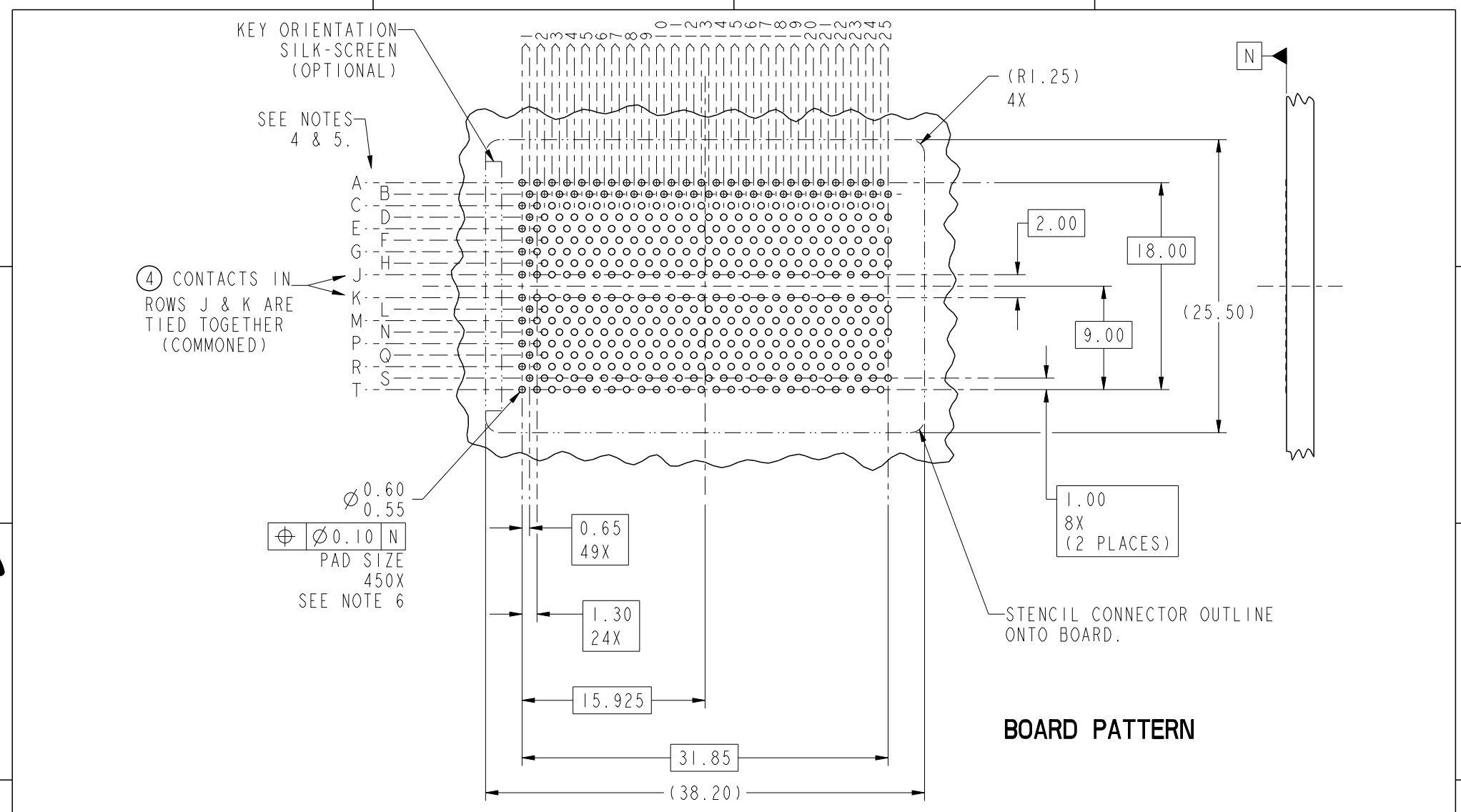
rev	ecn no	dr	date
A	V06-0240	DAI	2006-03-13
B	V06-0435	LP	2006-05-08
C	V06-0558	LP	2006-06-21
D	V07-0469	LP	2007-07-13
E	V08-0489	SM	2008-11-19

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 2011/06/09				ecn no ELX-DG-003943-1	rel level Released
				chr Alex Cao 2011/06/24					
				appr Pei-Ming Zheng 2011/06/27					
surface  -	linear	0.X	±0.30		title GIG-Array 15mm RECP. ASSY. 200 SIG. POS.			dwg no 55741	rev F
		0.XX	±0.10						
		0.XXX	±0.05						
		angular	0°	±2°	www.fci.com	cat. no. Product - Customer Drw		sheet 1 of 5	

Print File - REV C - 2009-06-09

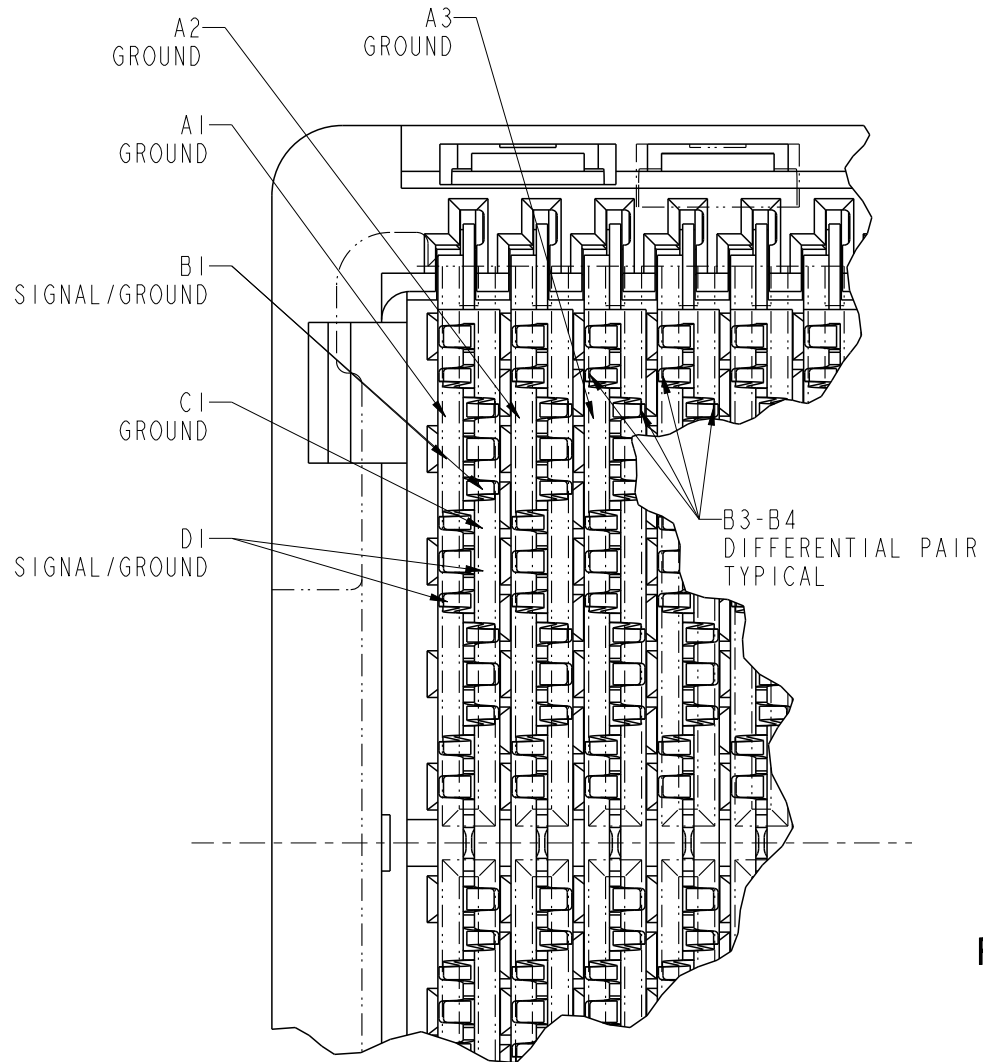


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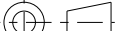


spec ref -				dr Bill Lin 2010/02/02		projection	mm	size A4	scale 21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/09				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24					
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array						rel level Released			
surface	linear	0.X	±0.30		title GIG-Array 15mm RECP. ASSY. 200 SIG. POS.			dwg no 55741	rev F
		0.XX	±0.10						
		0.XXX	±0.05						
-	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 2 of 5

PrintE File - REV C - 2009-06-09

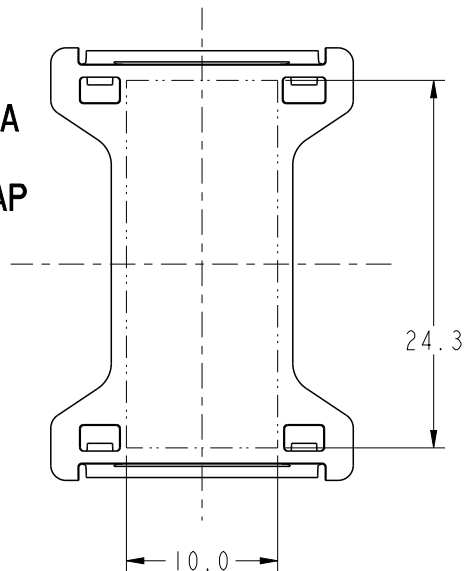


RECEPTACLE INTERFACE DESCRIPTION

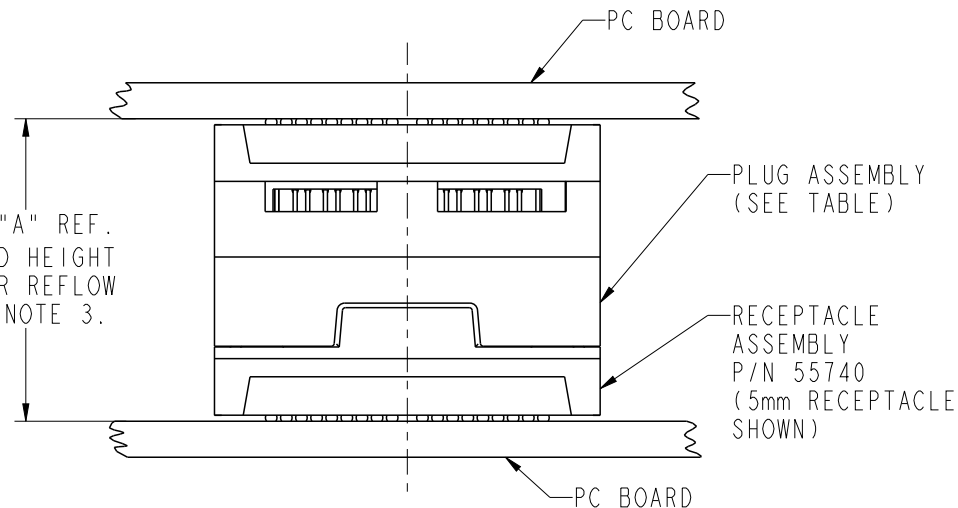
spec ref -				dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24			rel level Released			
					appr	Pei-Ming Zheng	2011/06/27	product family				GIG-Array
surface ✓ -	linear	0.X	±0.30		title GIG-Array 15mm RECP. ASSY. 200 SIG. POS.				dwg no	55741		rev F
		0.XX	±0.10									
		0.XXX	±0.05									
		angular	0°	±2°	www.fci.com	cat. no.			Product - Customer Drw			sheet 3 of 5

ProjE File - REV C - 2009-06-09

FLAT AREA
FOR
PICK-UP CAP
SCALE 2:1

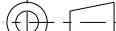


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
25	55737
27	10026802
28	10055142
30	55738
35	55739
40	10054783

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	2011/06/09			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				✓				linear		0.X	±0.30				title		GIG-Array		dwg no		55741		rev		F	
								0.XX	±0.10																	
								0.XXX	±0.05																	
-								angular		0°	±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 4 of 5							



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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
55741-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
55741-001LF	LEADFREE	
55741-201	STANDARD (EUTECTIC)	
55741-201LF	LEADFREE	

NOTES:

- MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
SOLDER BALL: (SEE TABLE) EUTECTIC
SnPb OR LEAD FREE 95.5 Sn/4Ag/0.5Cu.
- SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- MATED HEIGHT EFFECTED BY CUSTOMERS'
PCB PAD SIZE, PLATING, SOLDER REFLOW
PROFILE & SOLDER PASTE.
- 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])
- CONTACTS IN ROWS B,D,F,H,L,N,Q AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

NOTES:

- 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.
- FOR PROPER APPLICATION FOLLOW FCI APPLICATION
SPECIFICATION GS-20-033. LEAD FREE 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.
- THIS PRODUCT MEETS THE EUROPEAN UNION
DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
PRODUCT MEETING THIS DIRECTIVE IS
IDENTIFIED IN THE CODE NUMBER
MARKED ON EACH PART BY HAVING
AN "X" IN THE SEVENTH CHARACTER
POSTION.

spec ref		-		dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	21:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			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	✓	linear	0.X	±0.30		title	GIG-Array		dwg no	55741		rev
			0.XX	±0.10								
			0.XXX	±0.05								
-	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 5 of 5		