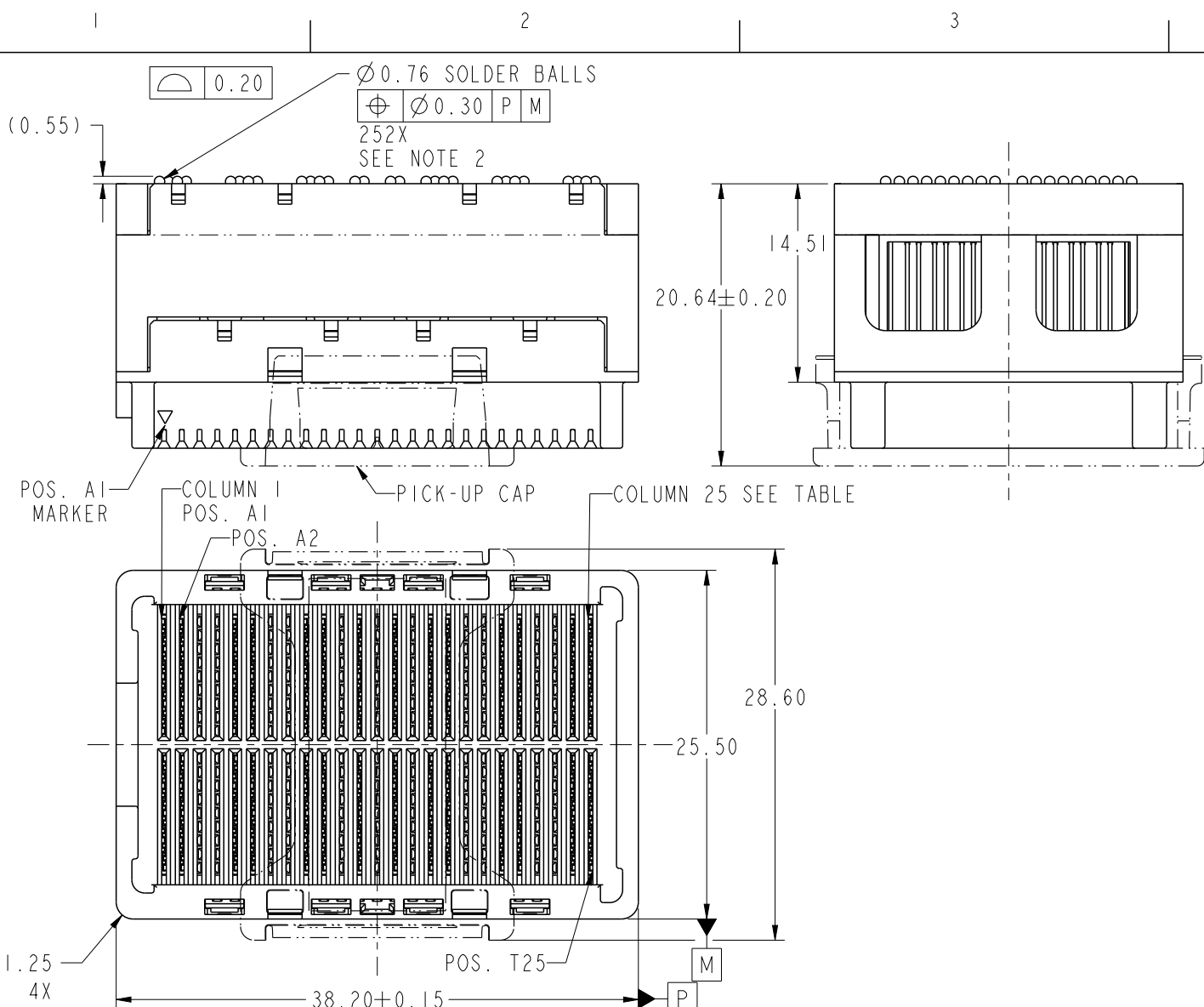
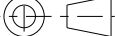






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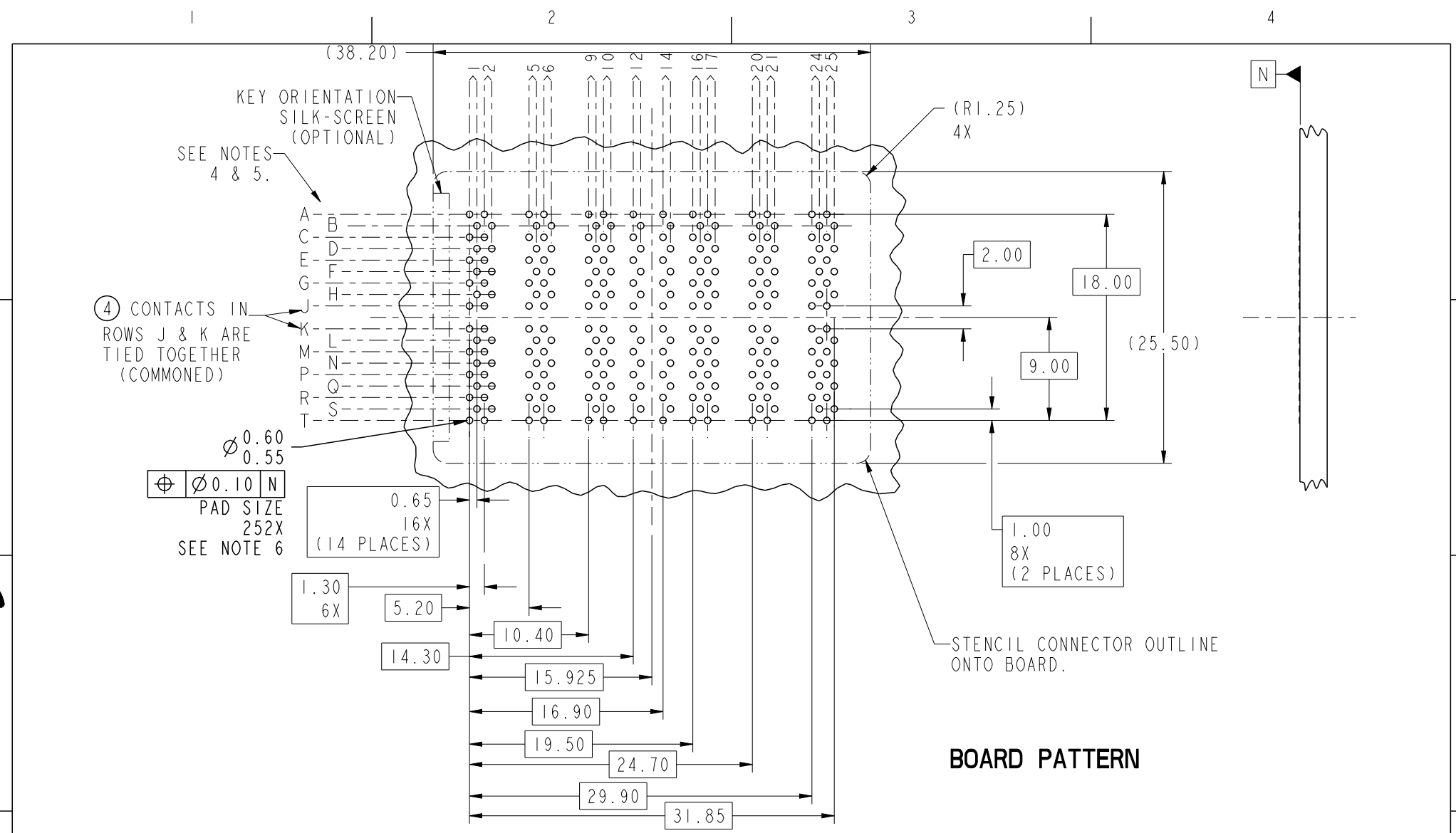
SELECT LOAD TABLE	
COLUMN	CONTACT / IMLA
1	LOADED
2	LOADED
3	REMOVED
4	REMOVED
5	LOADED
6	LOADED
7	REMOVED
8	REMOVED
9	LOADED
10	LOADED
11	REMOVED
12	LOADED
13	REMOVED
14	LOADED
15	REMOVED
16	LOADED
17	LOADED
18	REMOVED
19	REMOVED
20	LOADED
21	LOADED
22	REMOVED
23	REMOVED
24	LOADED
25	LOADED

spec ref -				dr Louis Ng 2010/11/01		projection 	mm 	size A4	scale 11:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/30				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 (SELECT LOAD) 15mm RECP. ASSY			dwg no 10082973	rev B
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 1 of 5

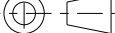



Print File - REV C - 2009-06-09



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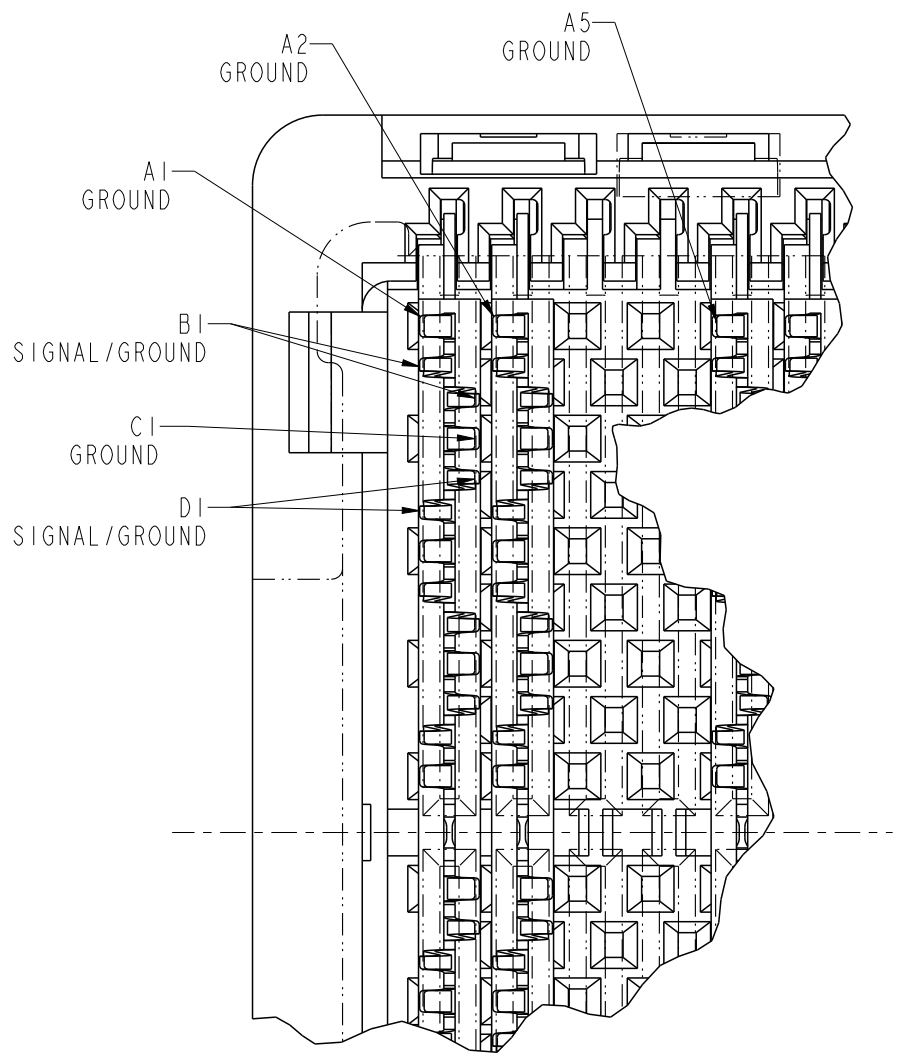
BOARD PATTERN

spec ref -				dr Louis Ng 2010/11/01		projection 	mm 	size A4	scale 11:10
tolerance std ASME Y14.5 - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo 2011/05/30				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 (SELECT LOAD) 15mm RECP. ASSY		dwg no 10082973	rev B	
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		0.XXX	±0.05						
	-	angular	0°						±2°

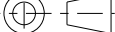



PrintE File - REV C - 2009-06-09



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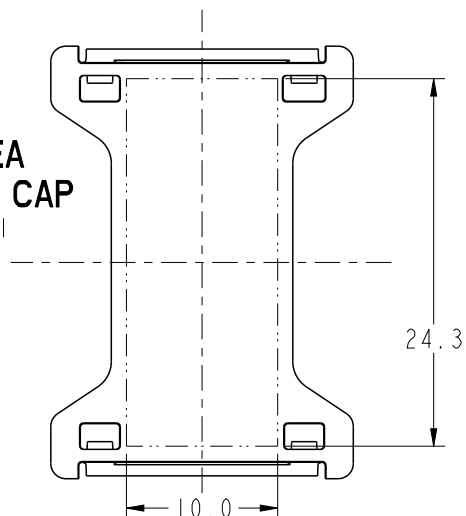


RECEPTACLE INTERFACE DESCRIPTION

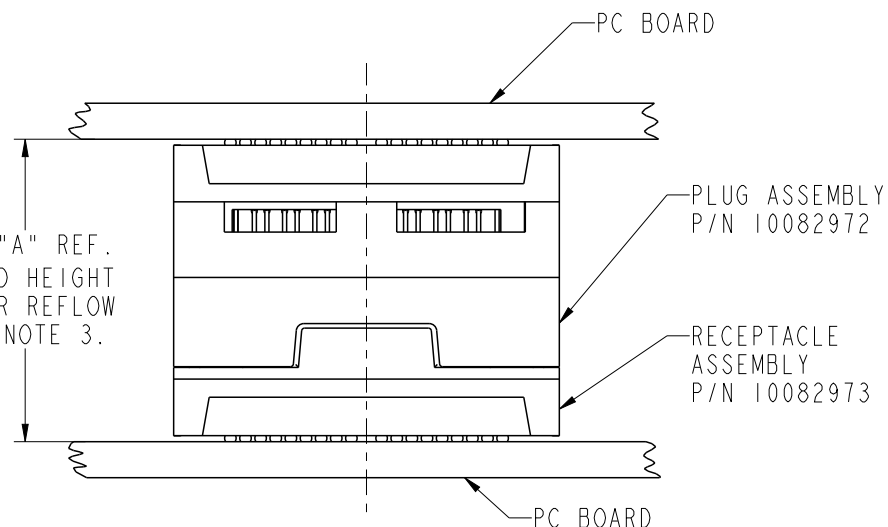
spec ref -				dr Louis Ng 2010/11/01		<div>projection</div> <div></div>	<div>mm</div> <div></div>	size A4	scale 37:5
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/30				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array									
surface 	linear	0.X	±0.30		title GIG-Array (SELECT LOAD) 15mm RECP. ASSY	dwg no 10082973	rev B		
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°					±2°	www.fci.com

ProjE File - REV C - 2009-06-09

FLAT AREA
FOR PICK-UP CAP
SCALE 2:1



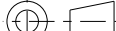


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1



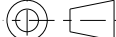


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spec ref -				dr Louis Ng 2010/11/01		projection 	mm 	size A4	scale 11:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/30				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array									
surface ✓ -	linear	0.X	±0.30		title GIG-Array (SELECT LOAD) 15mm RECP. ASSY	dwg no 10082973	rev B		
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 4 of 5	

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10082973-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10082973-001LF	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.
- 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. 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.
- ⑧. 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	Louis Ng	2010/11/01	projection 	mm 	size	A4	scale	11:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/05/30			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24						
				appr	Pei-Ming Zheng	2011/06/27						
surface ✓ -	linear	0.X	±0.30		title GIG-Array (SELECT LOAD) 15mm RECP. ASSY			dwg no	10082973		rev B	
		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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[10082973-001](#)