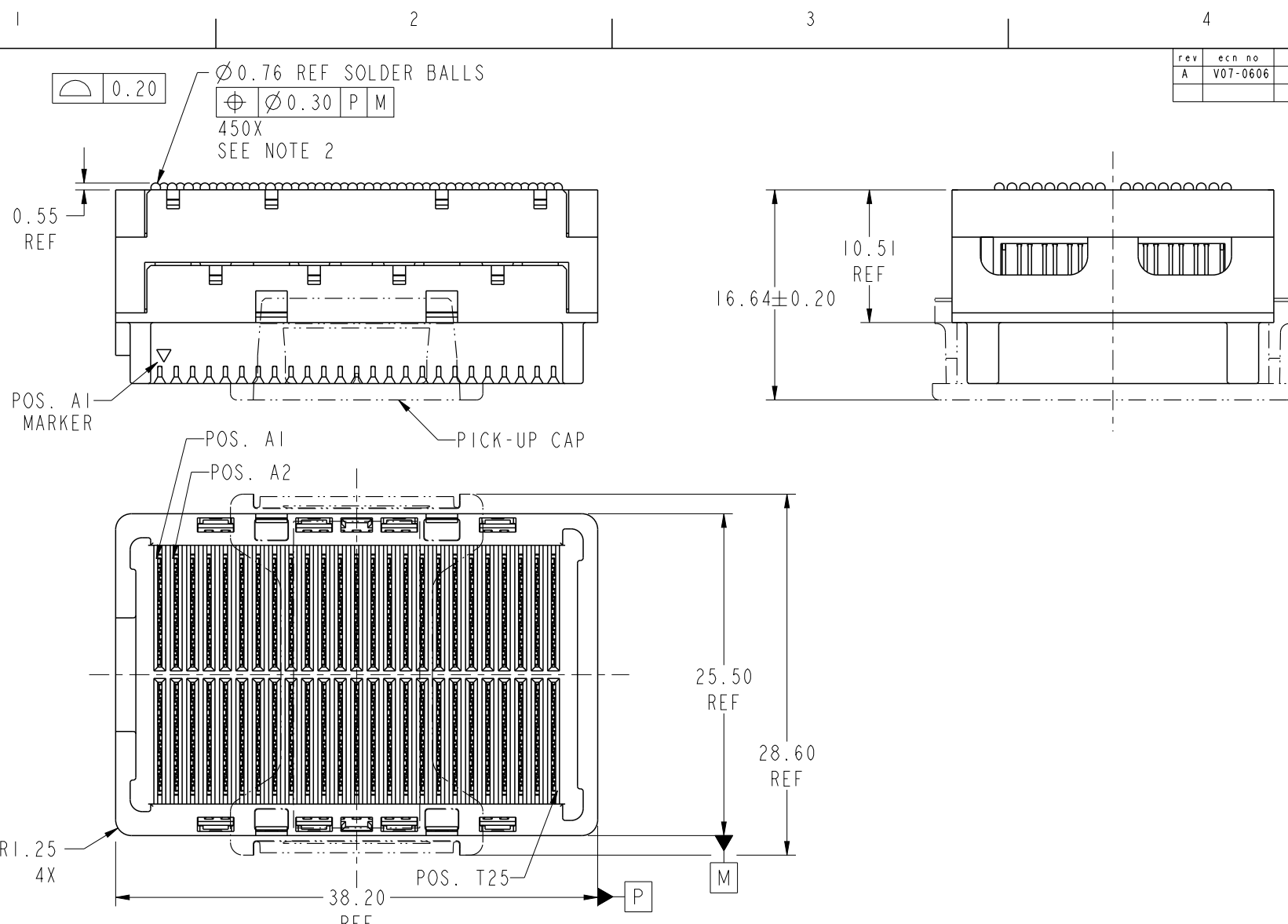
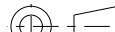




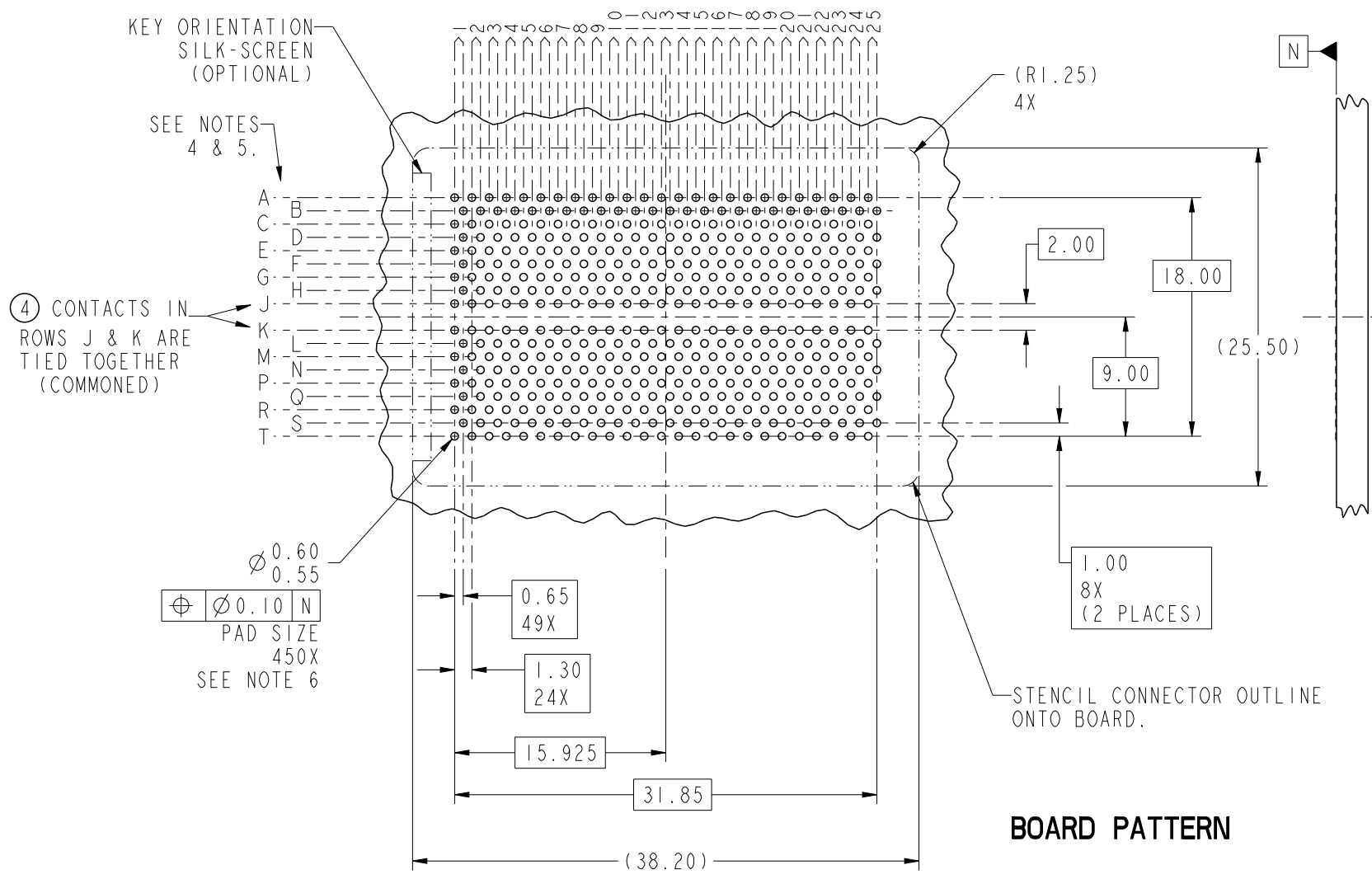
Copyright FCI.

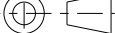


spec ref		-		dr		Bill Lin	2010/02/02	projection		mm		size		A4	scale		21:10				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/20					ecn no		ELX-DG-003943-1							
ASME Y14.5				chr		Alex Cao	2011/06/24					rel level		Released							
-				appr		Pei-Ming Zheng	2011/06/27					product family		GIG-Array							
surface				linear		0.X		±0.30				title		GIG-Array		dwg no		10081496		rev	
		0.XX		±0.10		11mm RECP. ASSY. 200 SIG. POS.															
		0.XXX		±0.05																	
-		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw				sheet 1 of 5					

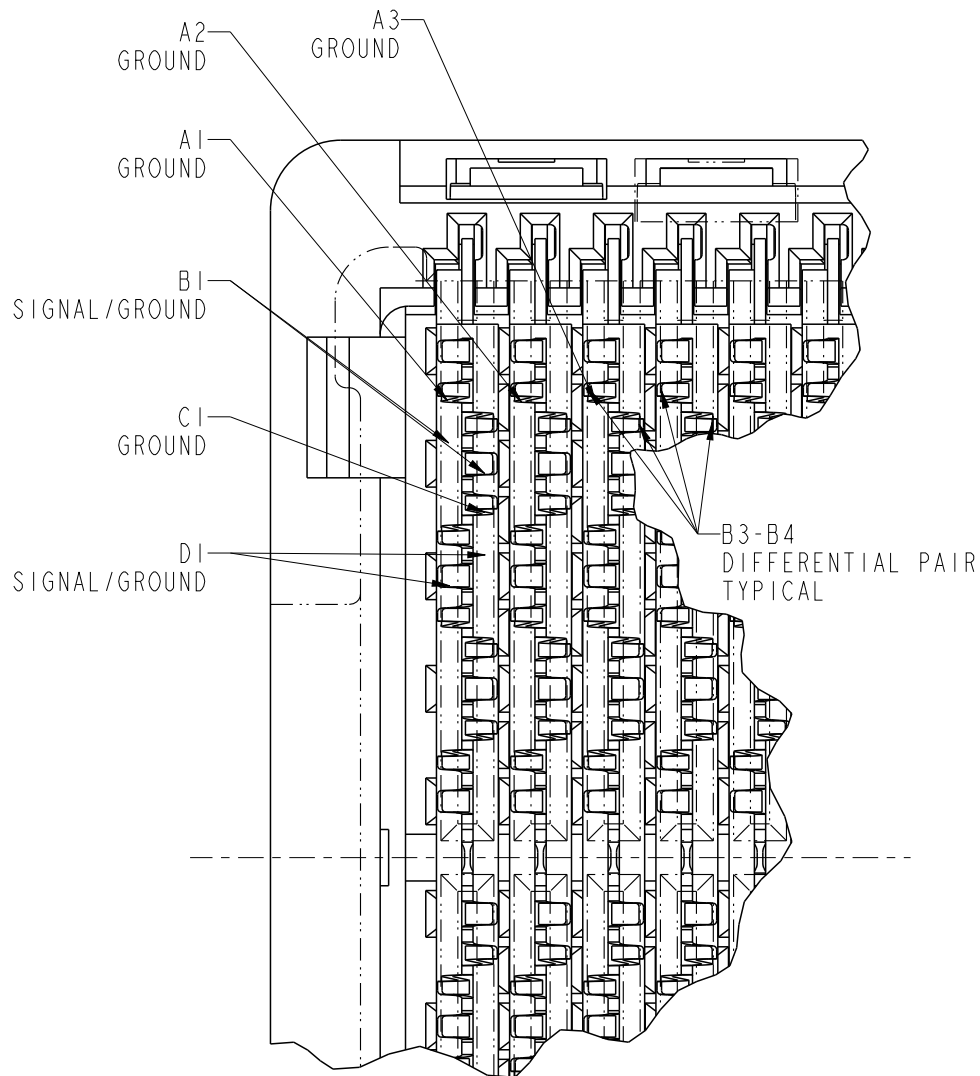


Copyright FCI.

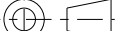


spec ref -				dr Bill Lin2010/02/02		projection 	mm 	size A4	scale 21:10
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo2011/06/20				ecn no ELX-DG-003943-1	
				chr Alex Cao2011/06/24				rel level Released	
				appr Pei-Ming Zheng2011/06/27					
surface ✓ -		linear	0.X	±0.30		title GIG-Array 11mm RECP. ASSY. 200 SIG. POS.	dwg no 10081496	rev B	
			0.XX	±0.10					
			0.XXX	±0.05					
		angular	0°	±2°	www.fci.com	cat. no. Product - Customer Drw		sheet 2 of 5	

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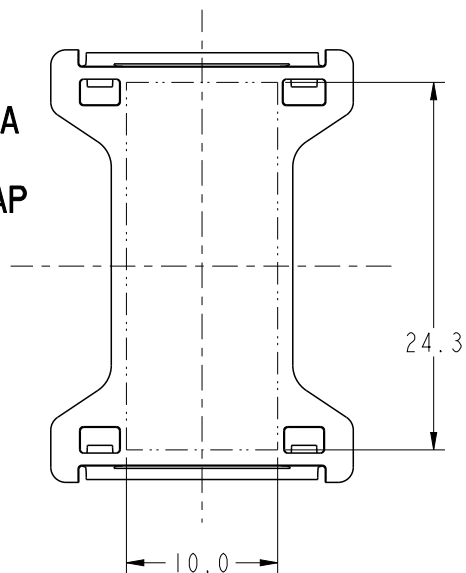


RECEPTACLE INTERFACE DESCRIPTION

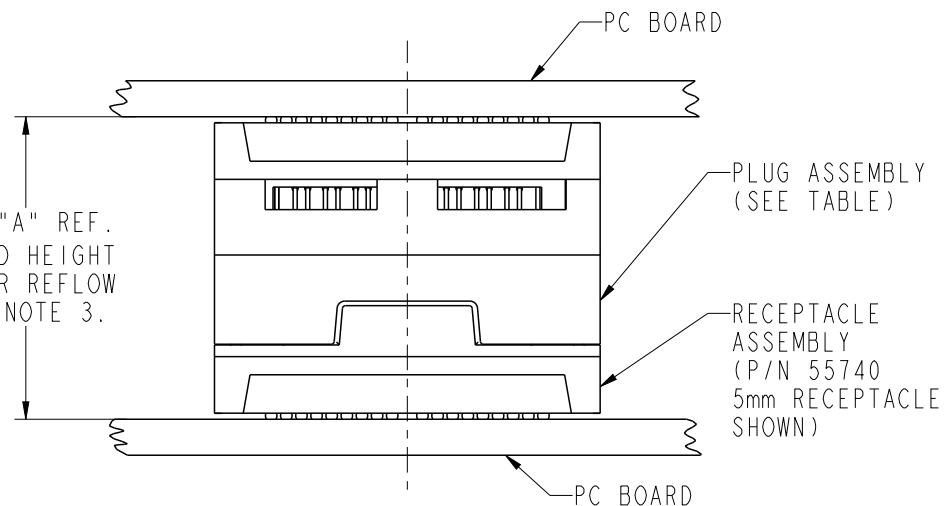
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/20		ecn no				ELX-DG-003943-1
				chr	Alex Cao	2011/06/24		rel level				Released
				appr	Pei-Ming Zheng	2011/06/27		product family		GIG-Array		
surface ✓ -	linear	0.X	±0.30		title GIG-Array 11mm RECP. ASSY. 200 SIG. POS.			dwg no	10081496		rev B	
		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
FOR
PICK-UP CAP
SCALE 2:1

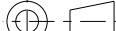


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
21	55737
23	10026802
24	10055142
26	55738
31	55739
36	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	2011/06/20			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 11mm RECP. ASSY. 200 SIG. POS.			dwg no	10081496			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

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10081496-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10081496-001LF	LEADFREE	
10081496-201	STANDARD (EUTECTIC)	
10081496-201LF	LEADFREE	

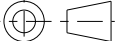
Au over Ni

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 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:

- ⑥. SPECIFIED POSITIONAL TOLERANCE DEFINES PAD TO PAD LOCATION WITHIN LAND PATTERN. POSITIONAL TOLERANCE OF LAND PATTERN TO FIDUCIAL 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 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	2011/06/20			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	10081496		rev B		
		0.XX	±0.10										
		0.XXX	±0.05		11mm RECP. ASSY. 200 SIG. POS.								
				www.fci.com	cat. no.			Product - Customer Drw			sheet 5 of 5		

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