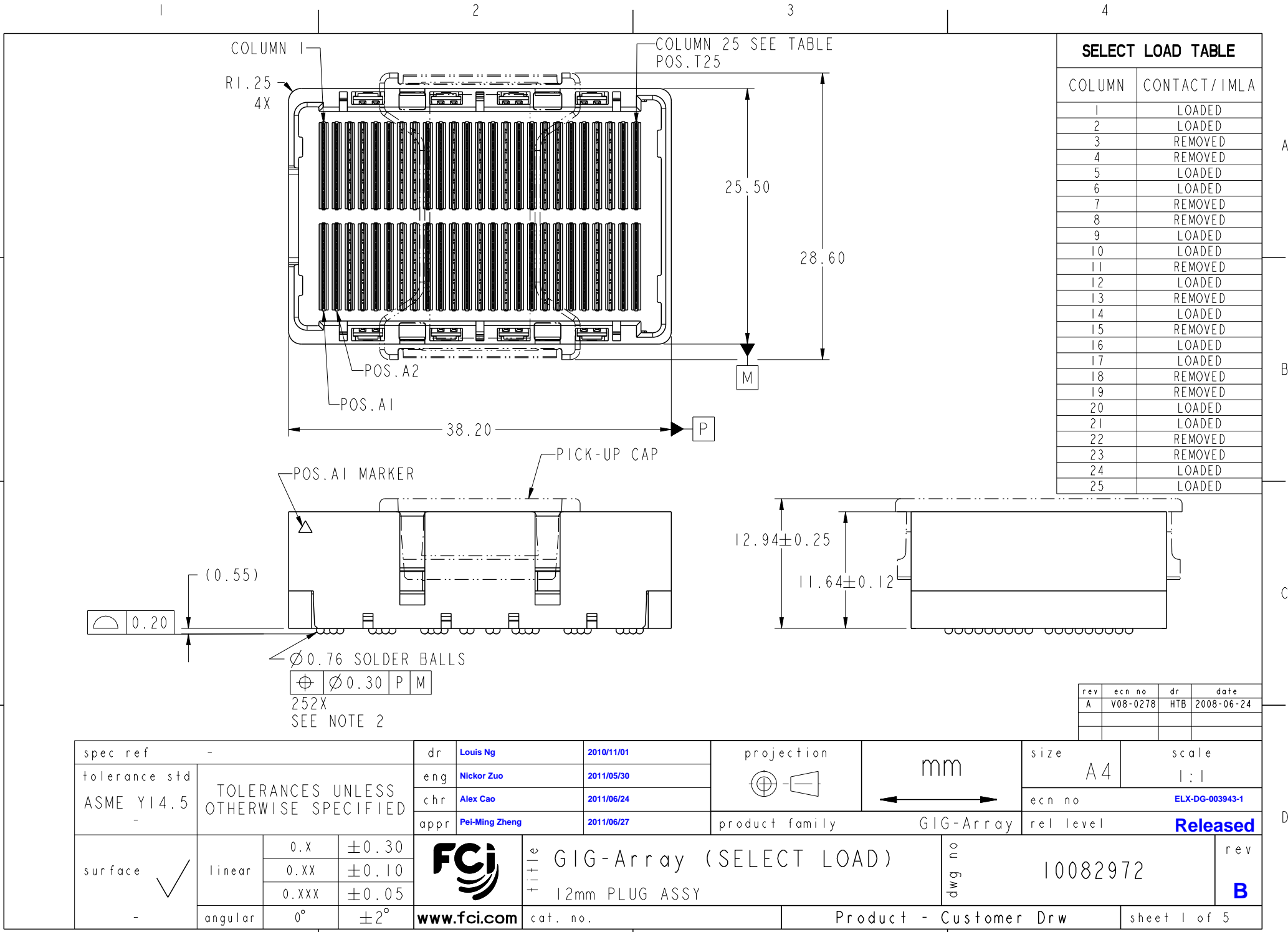




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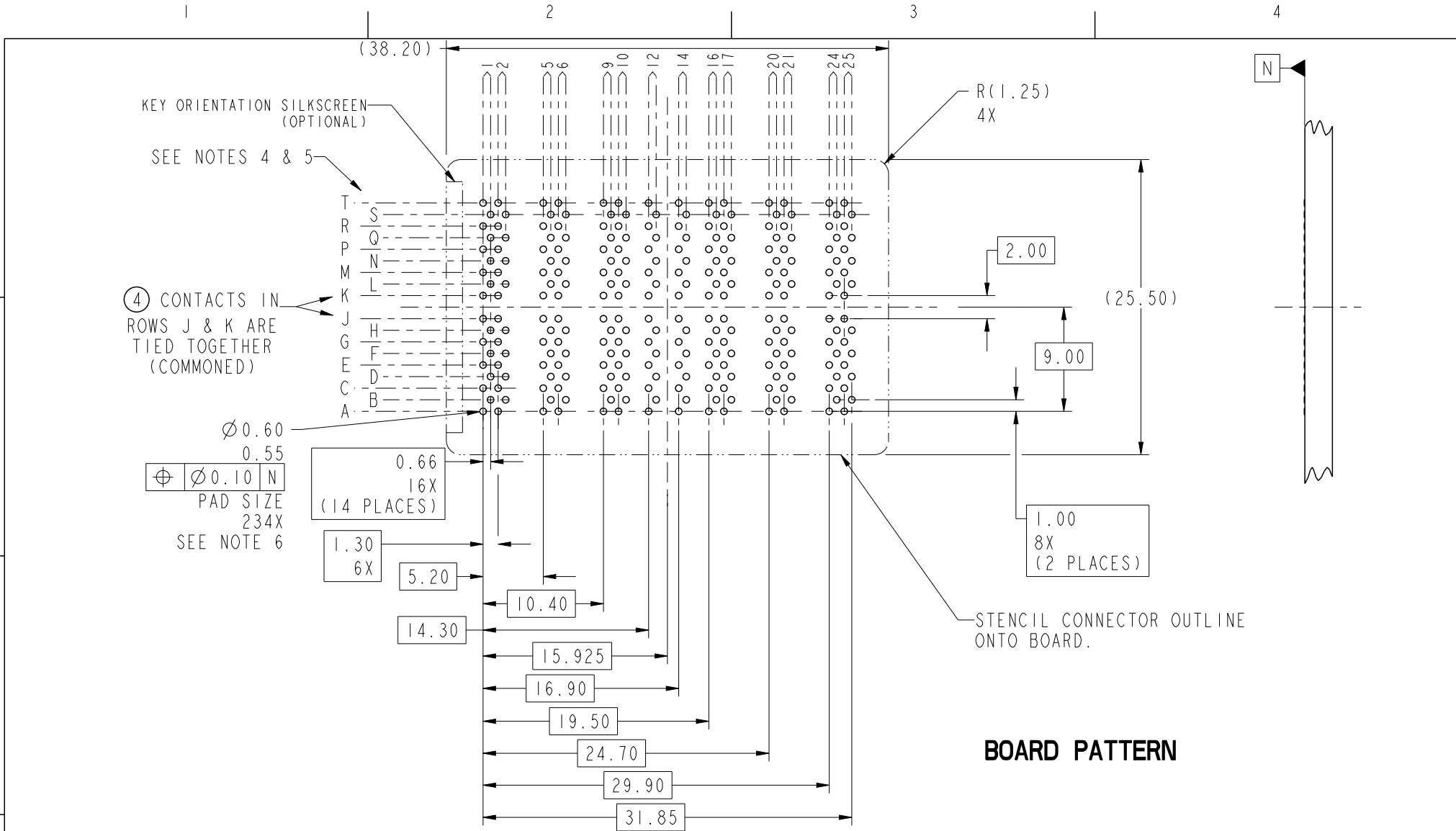
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23	REMOVED
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25	LOADED

rev	ecn no	dr	date
A	V08-0278	HTB	2008-06-24

spec ref -				dr Louis Ng 2010/11/01		<div>projection</div> <div></div>	<div>mm</div> <div></div>	size A4	scale 1:1
tolerance std ASME Y14.5 -				eng Nickor Zuo 2011/05/30				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					
surface	linear	0.X	±0.30		title GIG-Array (SELECT LOAD) 12mm PLUG ASSY			dwg no 10082972	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



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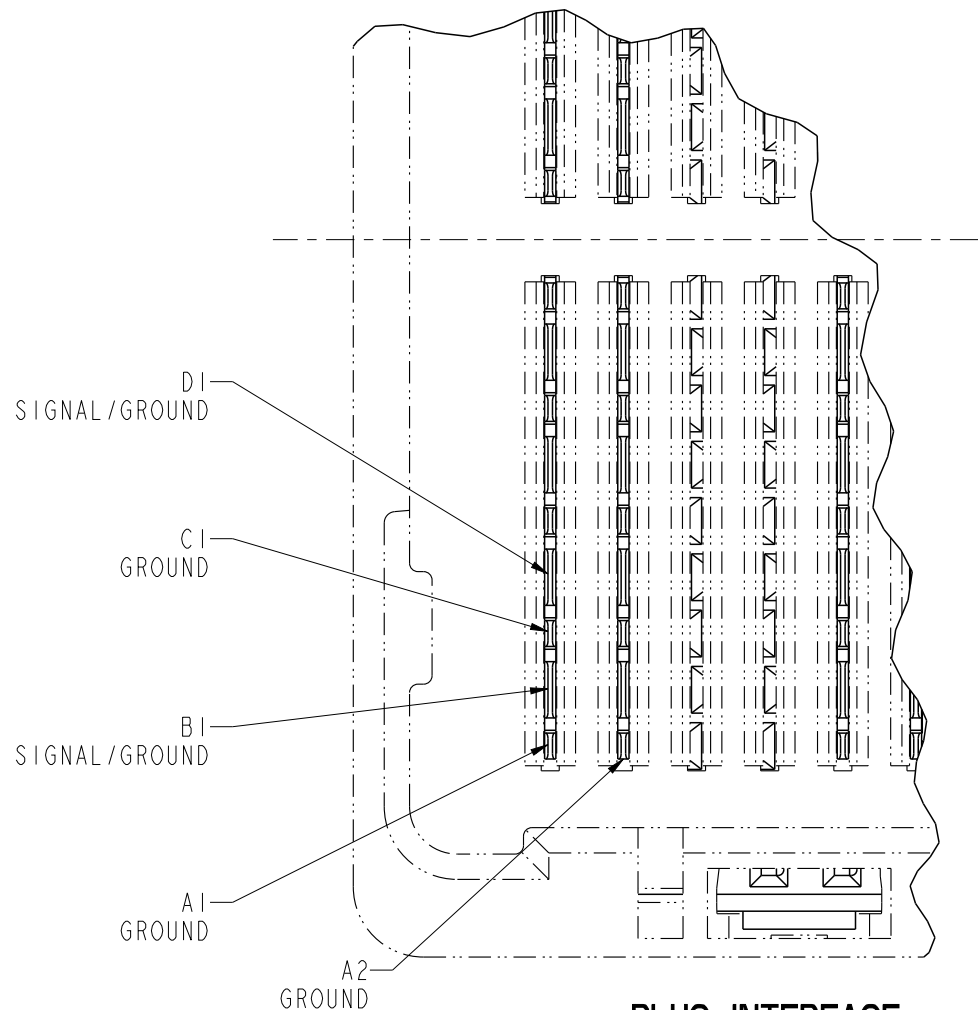
BOARD PATTERN

spec ref		-		dr	Louis Ng	2010/11/01	<div>projection</div> <div></div>	<div>mm</div> <div></div>	size	A4	scale	1:1							
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						product family	GIG-Array		rel level	Released			
surface ✓ -	linear	0.X	±0.30		title	GIG-Array (SELECT LOAD) 12mm PLUG ASSY		dwg no	10082972		rev							B	
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	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 2 of 5									

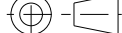
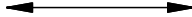

PrintE File - REV C - 2009-06-09



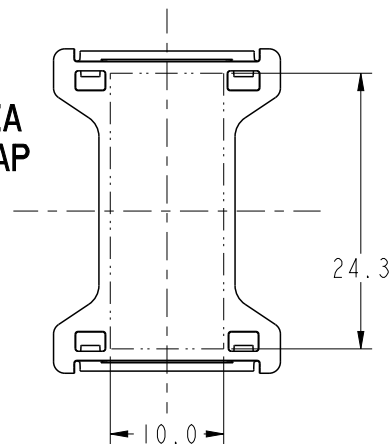
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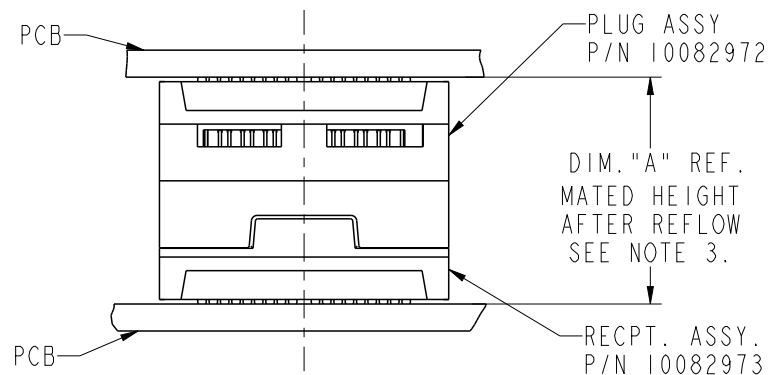
PLUG INTERFACE DESCRIPTION

spec ref -				dr	Louis Ng	2010/11/01	projection 	mm 	size	A4	scale	1:1				
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							product family	GIG-Array		rel level
surface ✓ -	linear	0.X	±0.30		title GIG-Array (SELECT LOAD) 12mm PLUG ASSY		dwg no	10082972		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					

FLAT AREA
PICK-UP CAP

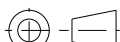




SCALE 3:2



SCALE 3:2

END VIEW OF MATED CONNECTORS

spec ref -				dr	Louis Ng	2010/11/01	projection 	mm 	size	A4	scale	1:1
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) 12mm PLUG ASSY			dwg no	10082972			rev B
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		0.XXX	±0.05									
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Print File - REV C - 2009-06-09

PDS: Rev :B

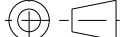


STATUS:Released

Printed: Jun 27, 2011

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10082972-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10082972-001LF	LEADFREE	

NOTES:

- ①. MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
- 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.
- 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	Louis Ng	2010/11/01	projection 	mm 	size	A4	scale	1:1
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	product family		GIG-Array		rel level Released	
surface ✓ -	linear	0.X	±0.30		title	GIG-Array (SELECT LOAD) 12mm PLUG ASSY		dwg no	10082972		rev B	
		0.XX	±0.10									
		0.XXX	±0.05									
				www.fci.com	cat. no.		Product - Customer Drw				sheet 5 of 5	

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