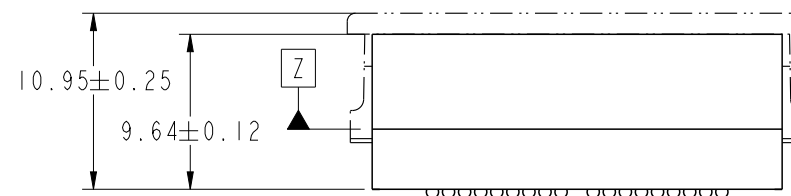
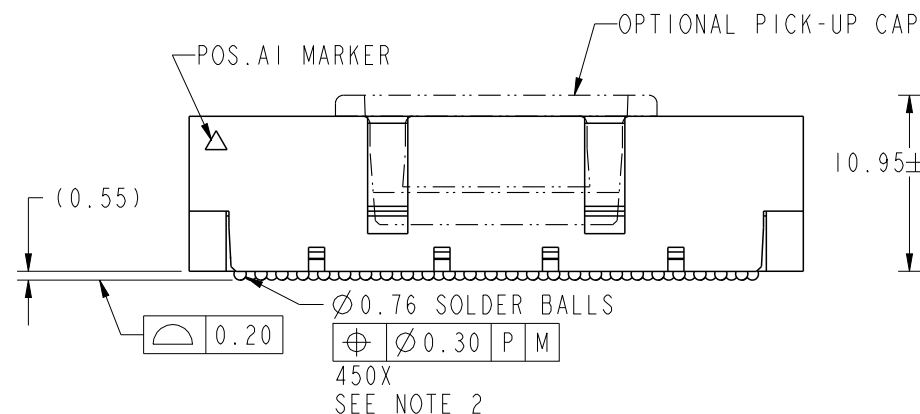
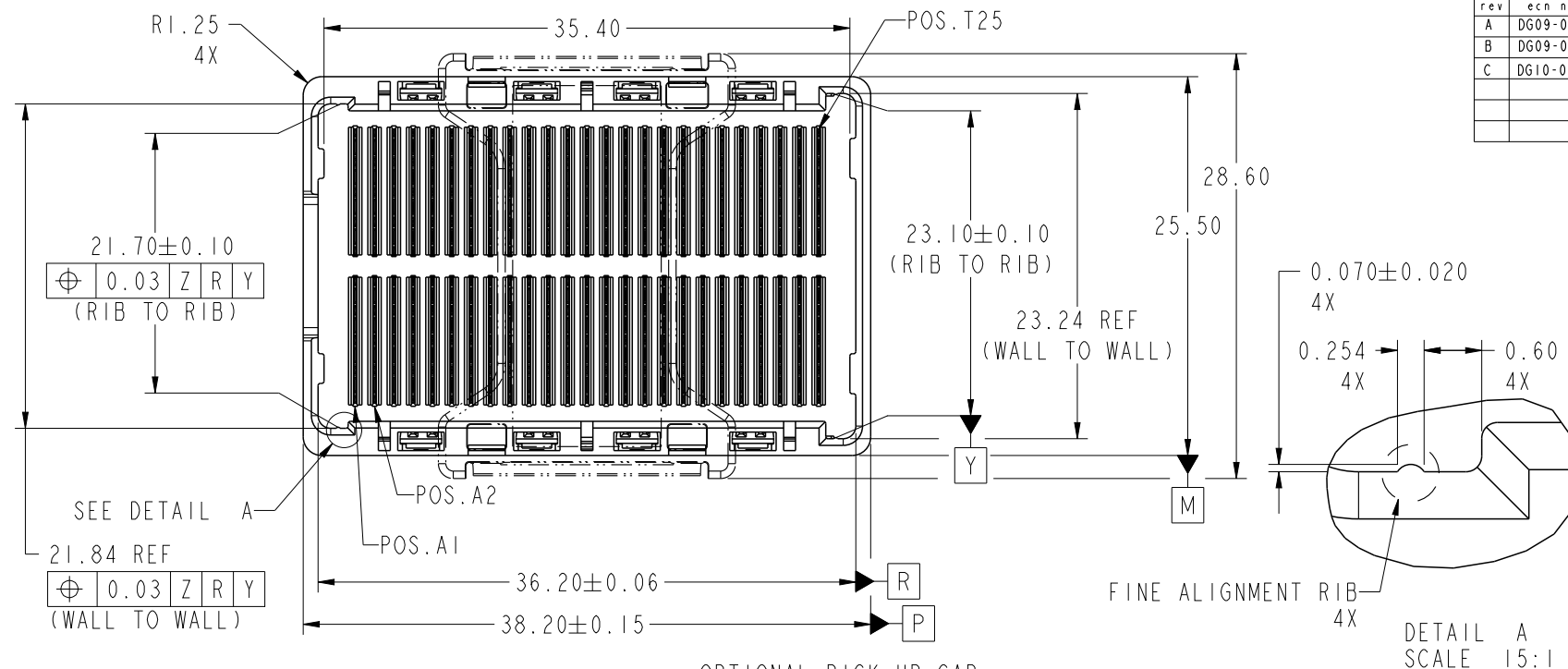


rev	ecn no	dr	date
A	DG09-0333	B L	2009-10-09
B	DG09-0361	B L	2009-11-19
C	DG10-0031	B L	2010-01-19



spec ref	*	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	3:10
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/01			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	✓				title	GIG-Array	dwg no	10107377	rev	D
						10mm PLUG ASSY. 200 SIG. POS.				
					cat. no.	*	Product - Customer Drw	sheet 1 of 5		

ProjE File - REV C - 2009-06-09

PDS: Rev :D

STATUS:Released

Printed: Jun 27, 2011

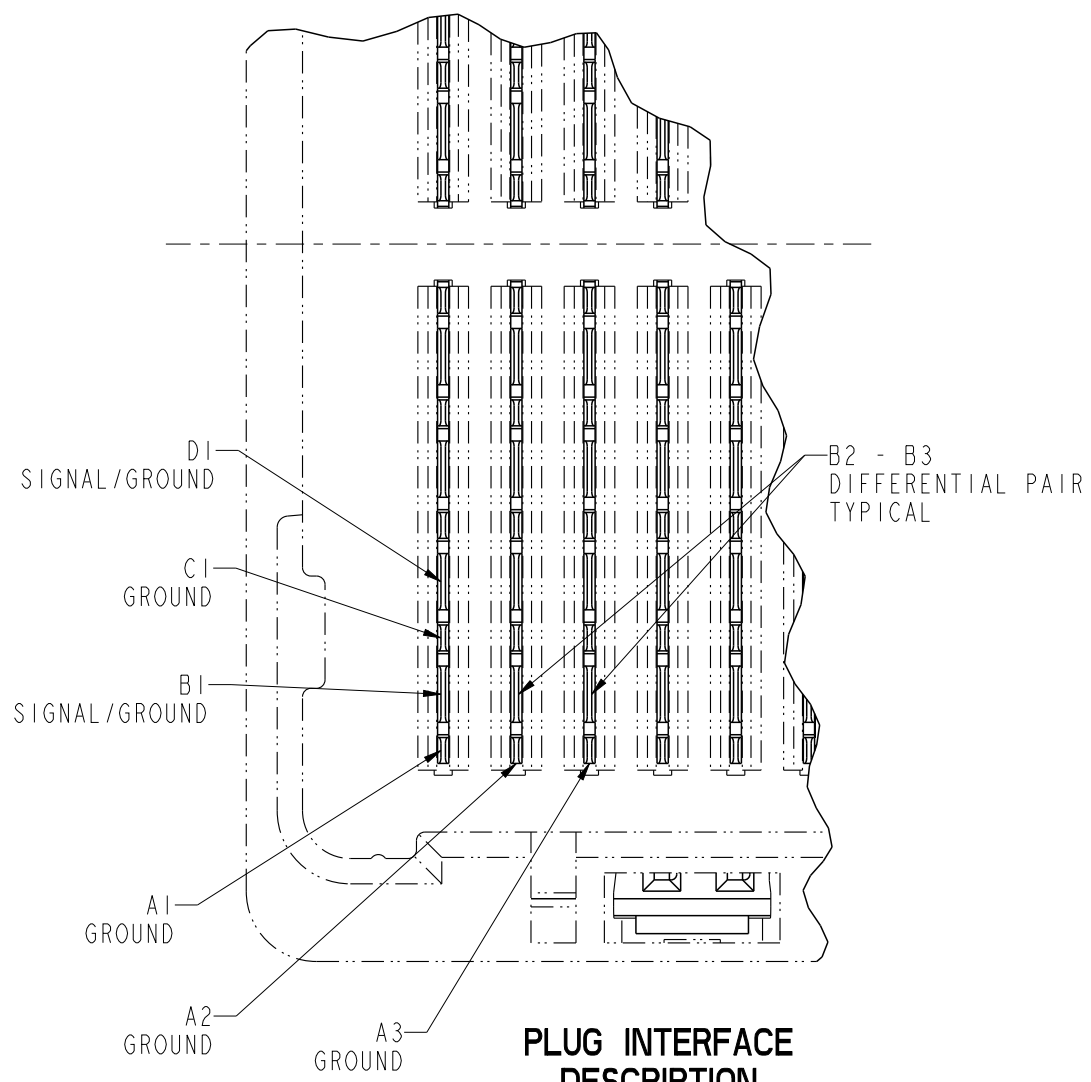


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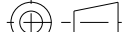
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tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo		2011/06/01						ecn no		ELX-DG-003943-1							
chr		Alex Cao		2011/06/24		appr		Pei-Ming Zheng		2011/06/27						product family		GIG-Array		rel level		Released			
surface		✓		linear		0.X		±0.30				title		GIG-Array		10mm PLUG ASSY. 200 SIG. POS.		dwg no		10107377		rev		D	
				0.XX		±0.10																			
				0.XXX		±0.05																			
-		angular		0°		±2°		www.fci.com		cat. no.		*		Product - Customer Drw		sheet 2 of 5									



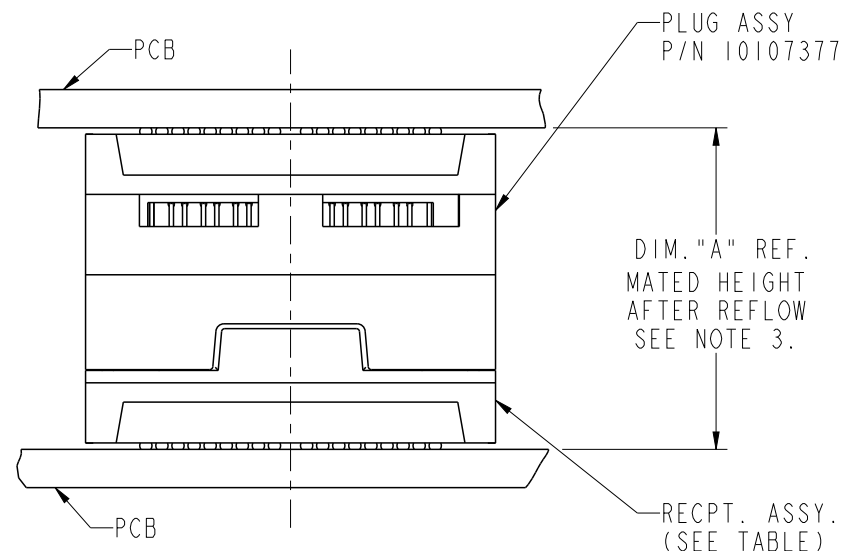
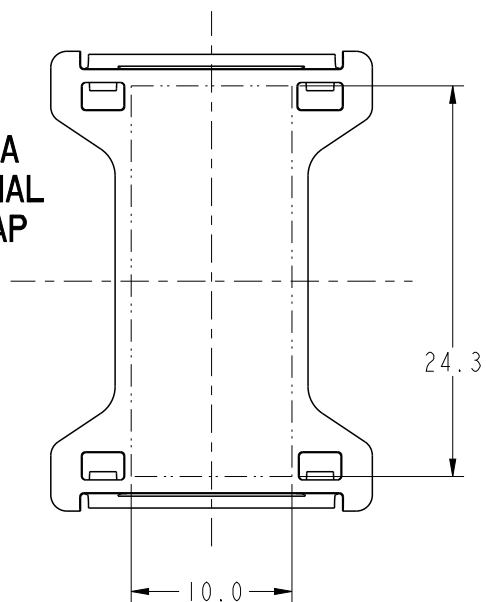
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PLUG INTERFACE DESCRIPTION

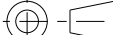
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tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo2011/06/01				ecn no ELX-DG-003943-1					
						chr Alex Cao2011/06/24									
						appr Pei-Ming Zheng2011/06/27				product family GIG-Array		rel level Released			
surface ✓		linear		0.X	±0.30			title GIG-Array 10mm PLUG ASSY. 200 SIG. POS.				dwg no 10107377		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	

FLAT AREA
FOR OPTIONAL
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
15	55740
20	10026010
21	10081496
25	55741

spec ref		*		dr		Bill Lin	2010/02/02	projection				mm		size		A4	scale		3:10			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/01	product family				GIG-Array		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															
surface				linear		0.X		±0.30				title		GIG-Array		dwg no		10107377		rev		D
				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
10107377-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10107377-001LF	LEADFREE	

NOTES:

① MAT'L:

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,
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. 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				size		A4	scale		3:10			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/01					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		FCI		title		GIG-Array		dwg no
-		angular		0°		±2°		www.fci.com		cat. no.		*		Product - Customer Drw		sheet 5 of 5				