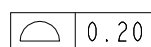
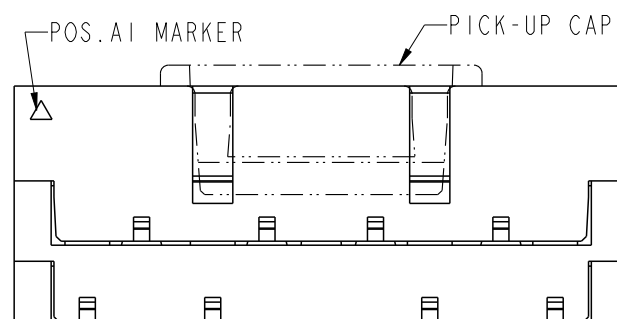
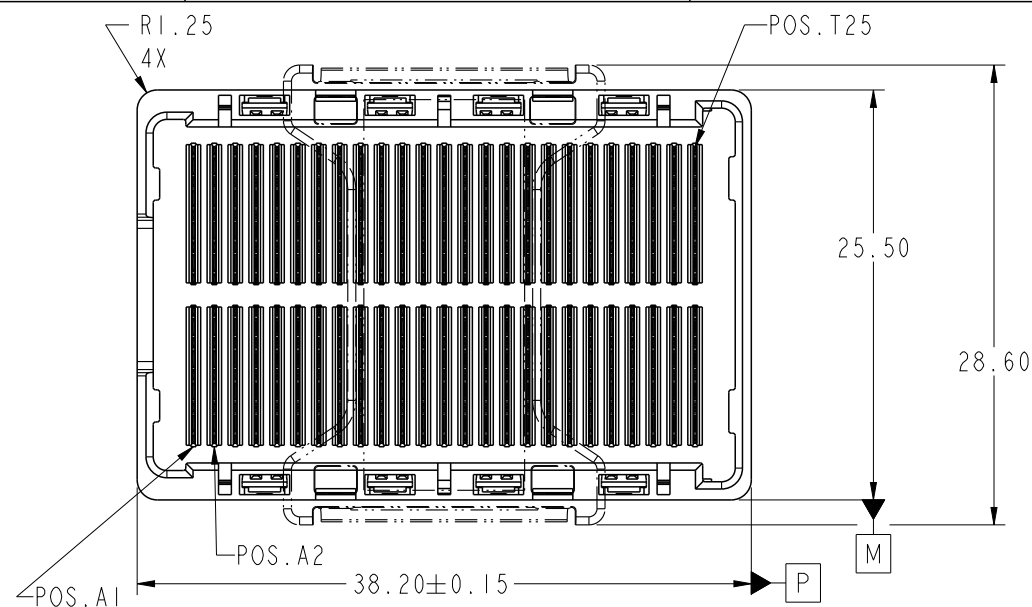


rev	ecn no	dr	date
A	V06-0240	DAI	2006-03-20
B	V06-0558	LP	2006-06-12
C	V08-0329	SM	2008-11-15



Ø0.76 SOLDER BALLS
450X
SEE NOTE 2

⌀0.30 P M

spec ref		-		dr	Bill Lin	2010/02/02	projection 	MM 	size	A4	scale	1:1	
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nickor Zuo	2011/05/26	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 PLUG ASSY. 200 SIG. POS.			dwg no	55738		rev	D
		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

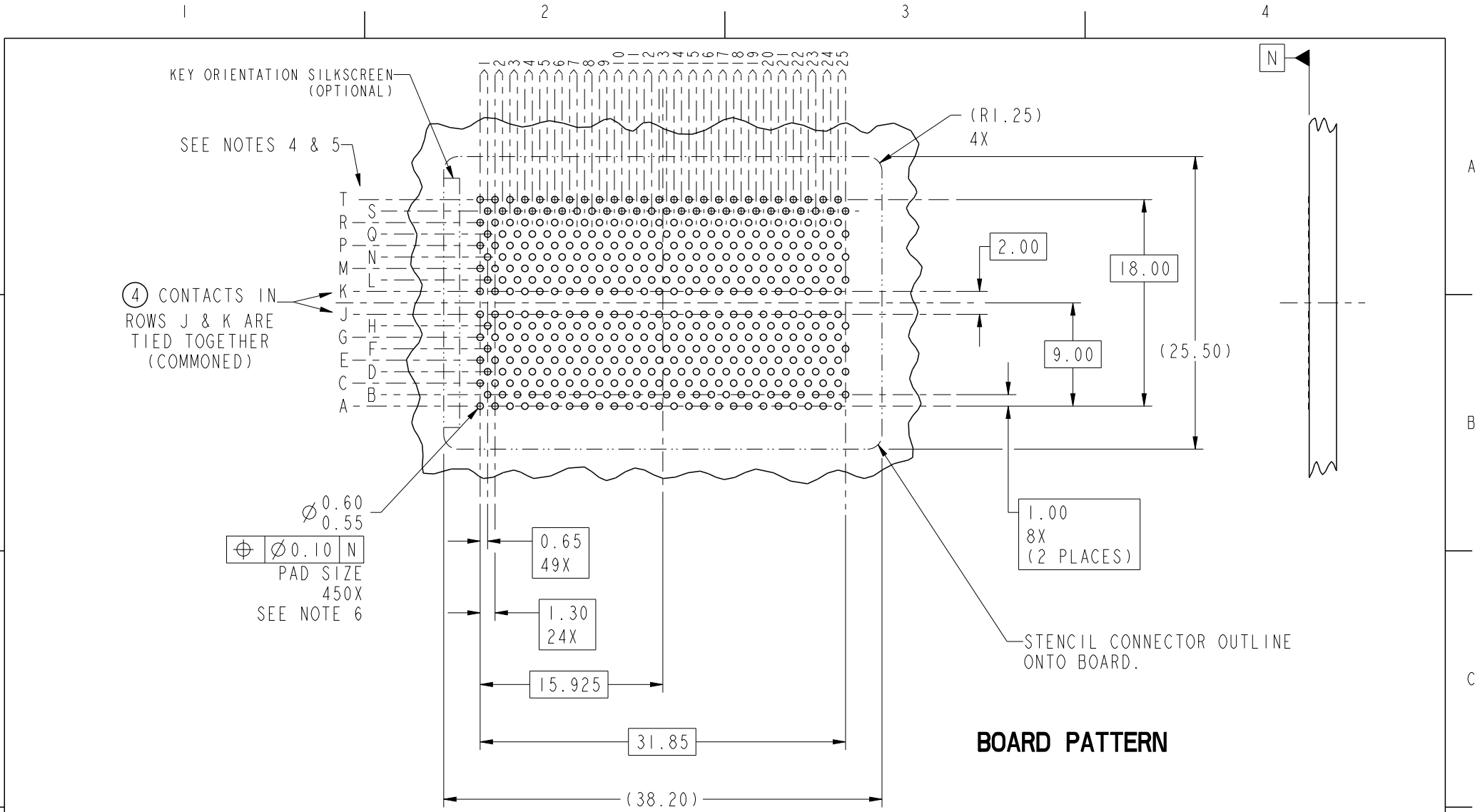
PDS: Rev :D

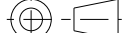
STATUS:Released

Printed: Jun 27, 2011



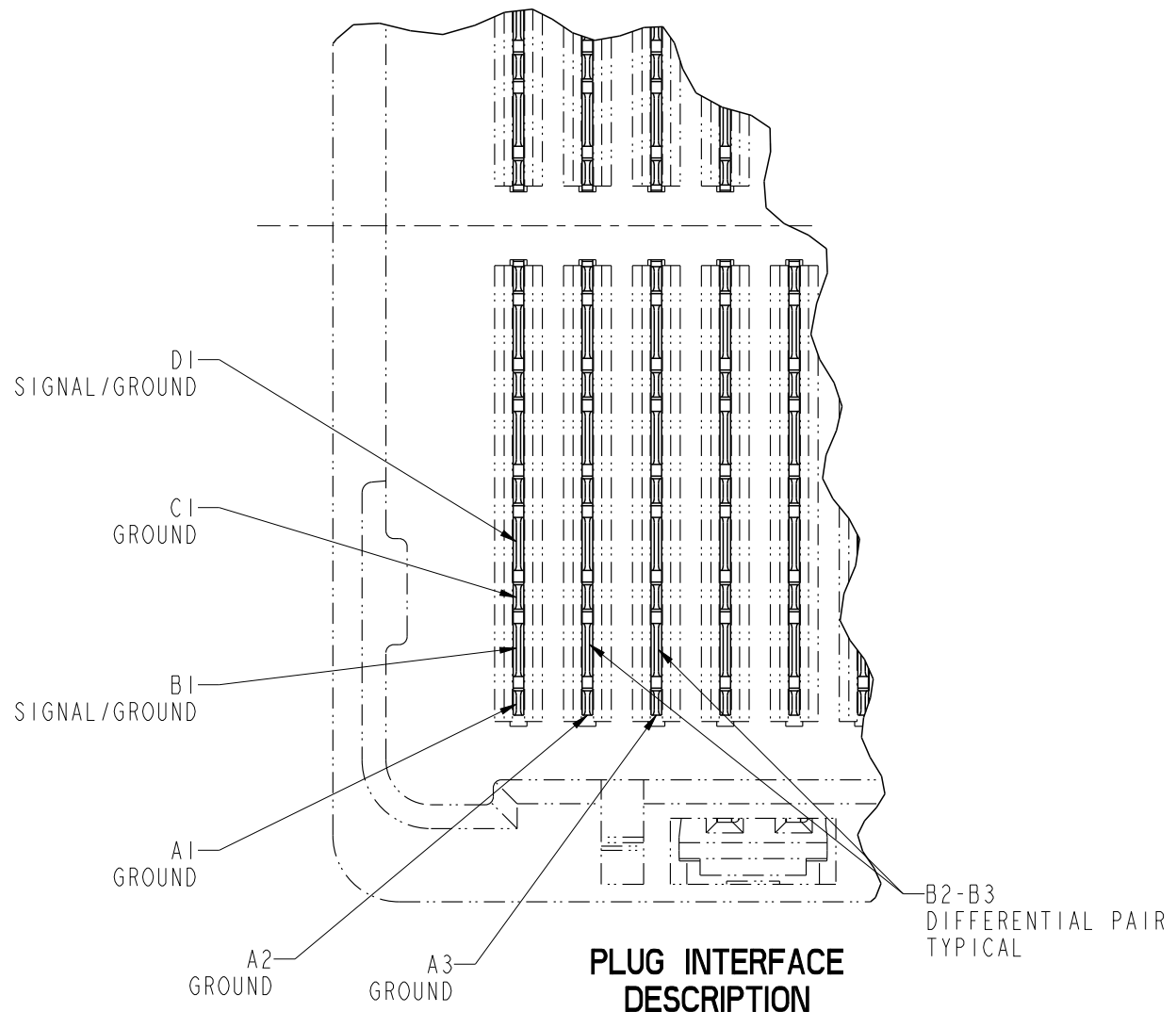
Copyright FCI.



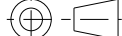
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/26				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface 	linear	0.X	±0.30		title GIG-Array 15mm PLUG ASSY. 200 SIG. POS.			dwg no 55738	rev D
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						



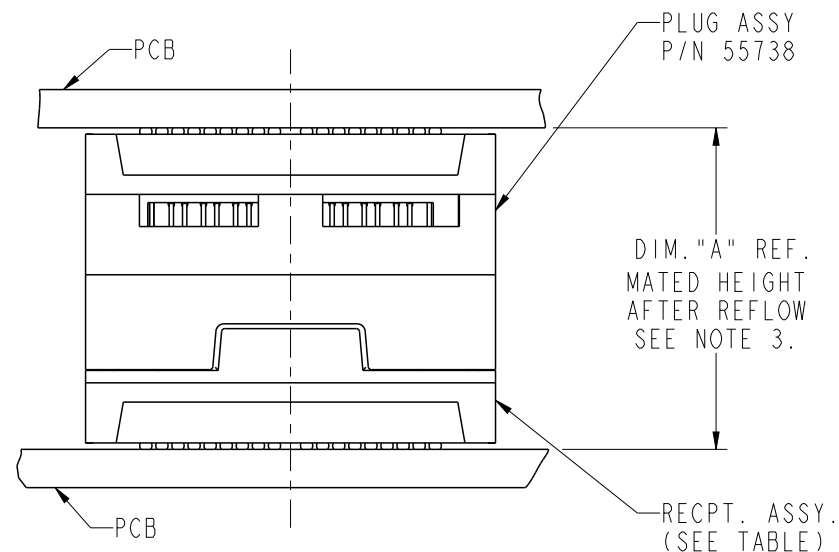
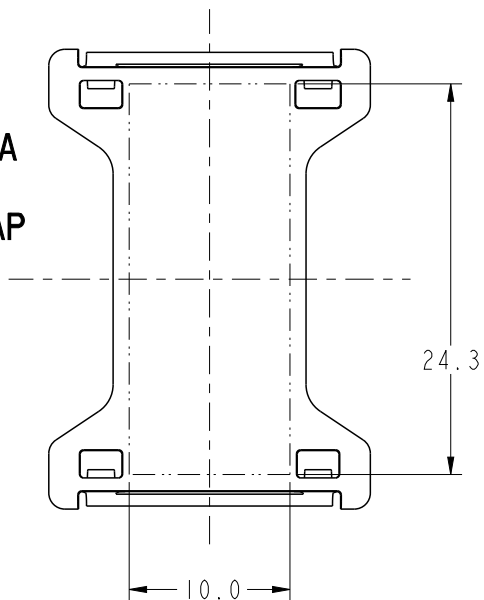
Copyright FCI.



PLUG INTERFACE
DESCRIPTION

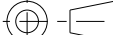
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/26				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface 		linear	0.X	±0.30		title GIG-Array 15mm PLUG ASSY. 200 SIG. POS.	dwg no 55738	rev D	
			0.XX	±0.10					
			0.XXX	±0.05					
		-	angular	0°	±2°	www.fci.com			

FLAT AREA
FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
20	55740
25	10026010
30	55741

spec ref -				dr	Bill Lin	2010/02/02	projection 	MM 	size	A4	scale	1:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/05/26			ecn no	ELX-DG-003943-1			
				chr	Alex Cao	2011/06/24							
				appr	Pei-Ming Zheng	2011/06/27							product family
surface ✓ -	linear	0.X	±0.30		title GIG-Array 15mm PLUG ASSY. 200 SIG. POS.				dwg no	55738		rev	D
		0.XX	±0.10										
		0.XXX	±0.05										
	angular	0°	±2°										

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
55738-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
55738-001LF	LEADFREE	

NOTES:

1.

MAT'L:
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,
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
POSTION.

spec ref		-		dr		Bill Lin		2010/02/02		projection		MM		size		A4		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo		2011/05/26						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 PLUG ASSY. 200 SIG. POS.		dwg no		55738	
0.XX		±0.10																									
0.XXX		±0.05																									
-		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 5 of 5													