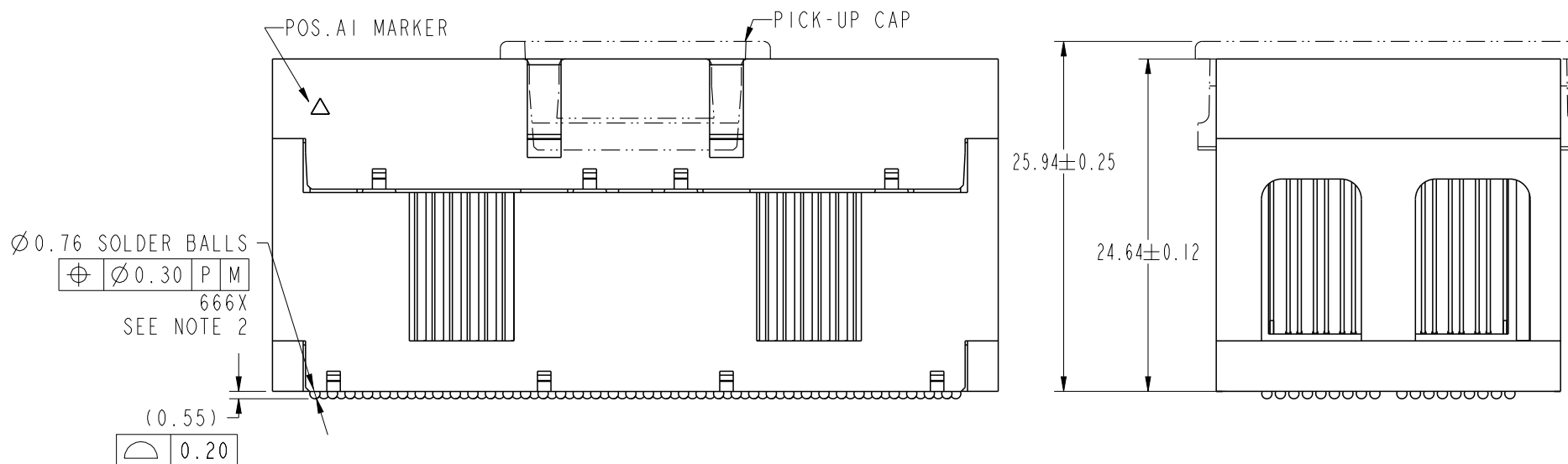
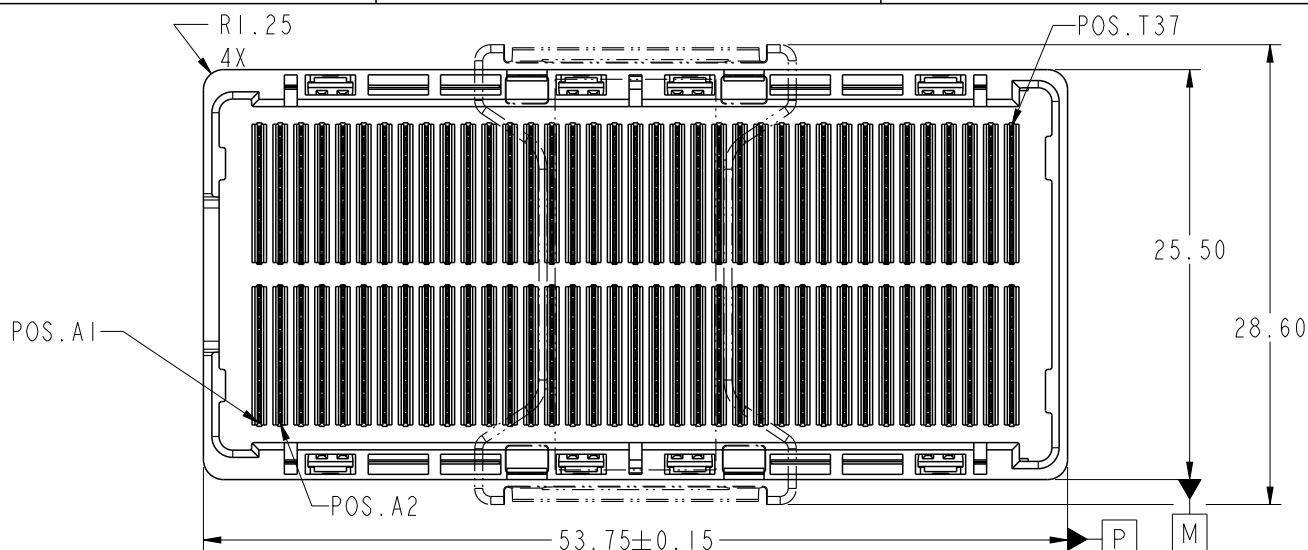
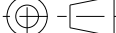


rev	ecn no	dr	date
A	V05-0335	TAB	2005-04-25
B	V06-0239	LP	2006-03-27
C	V06-0558	LP	2006-06-21
D	V07-0440	LP	2007-07-09
E	V08-0329	SM	2008-11-17



spec ref		*		dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	1:2
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Nickor Zuo	2011/05/27			ecn no	ELX-DG-003943-1		
ASME Y14.5				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 25mm PLUG ASSY. 296 SIG. POS.			dwg no	10054784		rev F
		0.XX	±0.10									
		0.XXX	±0.05									
-	angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw			sheet 1 of 5		

ProjE File - REV C - 2009-06-09

PDS: Rev :F

STATUS:Released

Printed: Jun 27, 2011

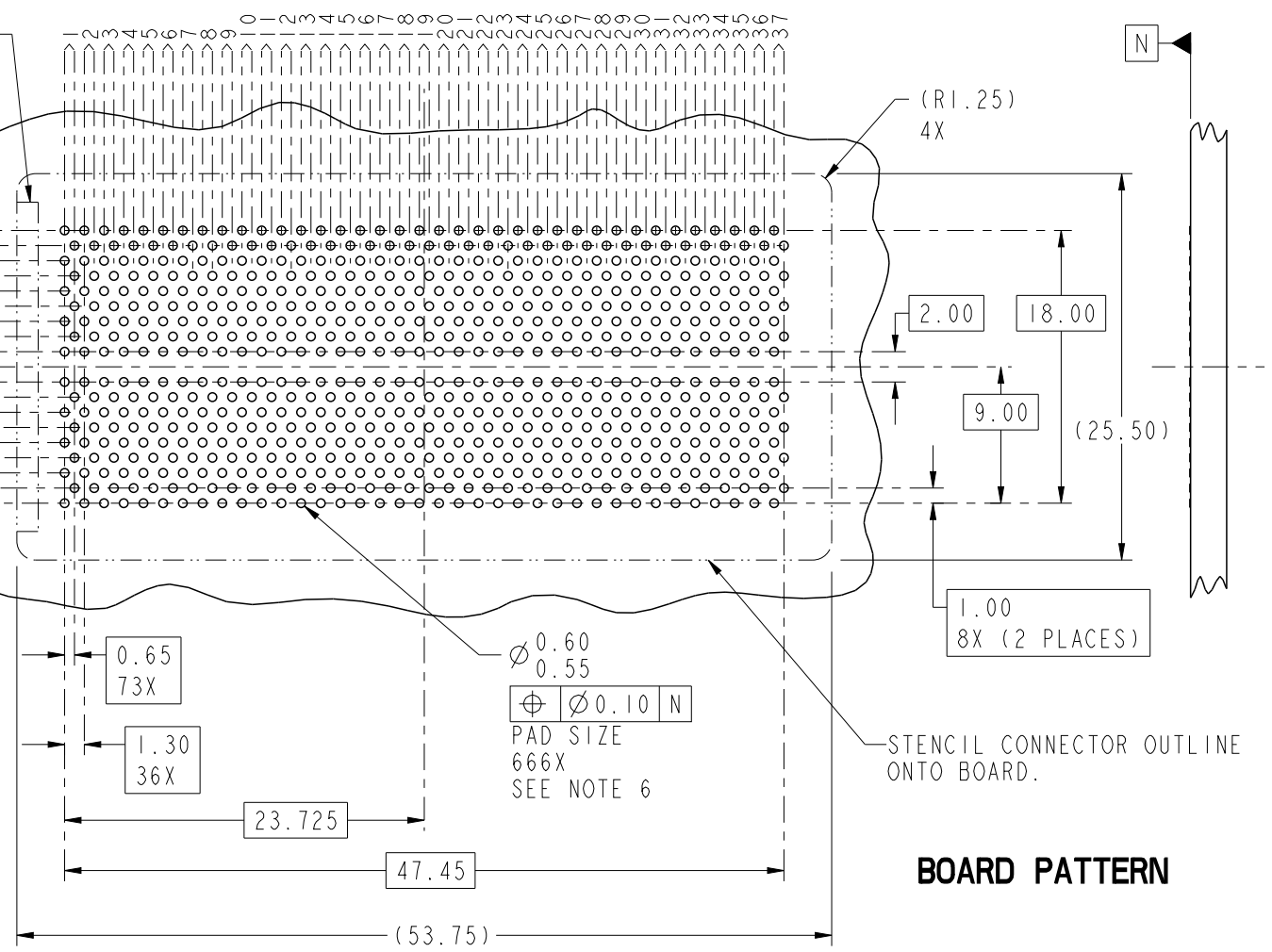


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④ CONTACTS IN ROWS J & K ARE TIED TOGETHER (COMMONED)

SEE NOTES 4 & 5

KEY ORIENTATION SILKSCREEN (OPTIONAL)



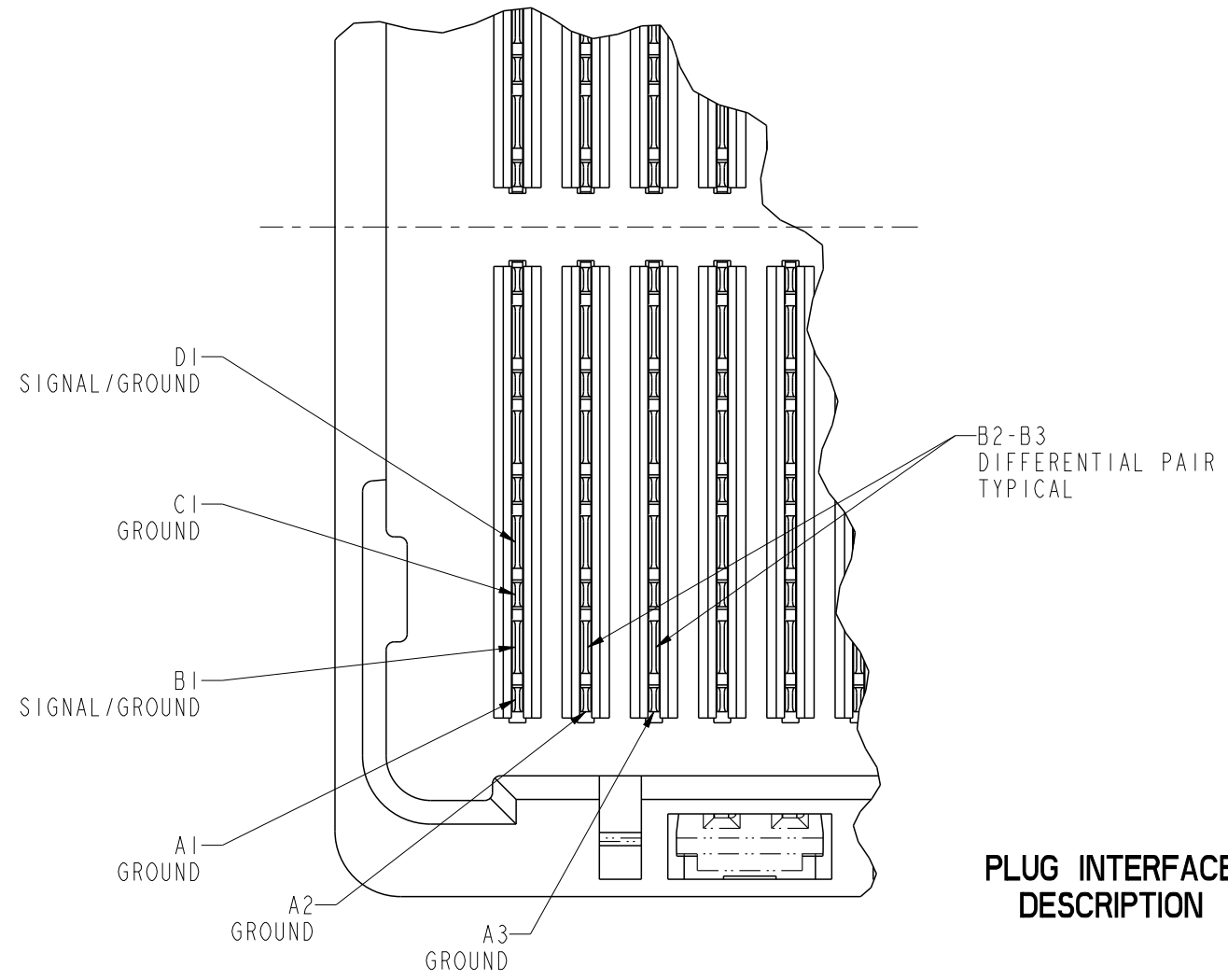
BOARD PATTERN

spec ref *				dr Bill Lin 2010/02/02		projection	mm	size A4	scale 1:2
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/27				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 25mm PLUG ASSY. 296 SIG. POS.	dwg no 10054784	rev F		
		0.XX	±0.10						
		0.XXX	±0.05						
		angular	0°					±2°	
www.fci.com				cat. no. *	Product - Customer Drw			sheet 2 of 5	

Print File - REV C - 2009-06-09



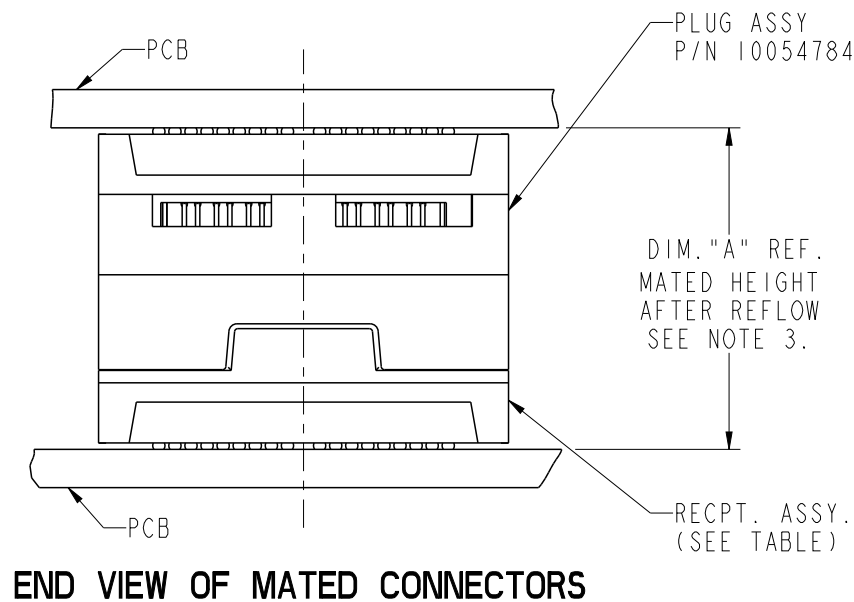
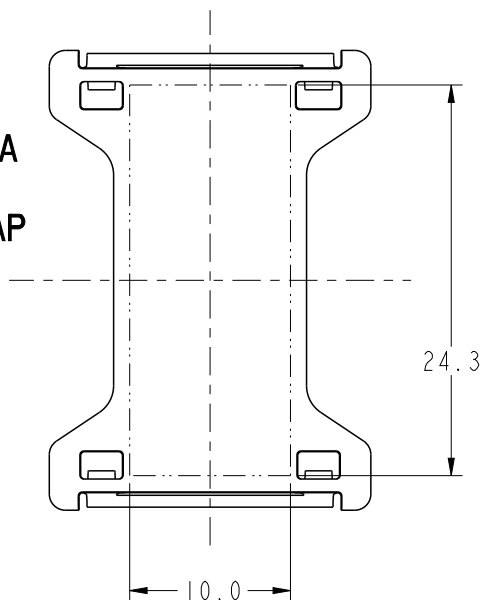
Copyright FCI.



PLUG INTERFACE DESCRIPTION

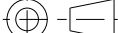
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/05/27				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27				product family GIG-Array	
surface	linear	0.X	±0.30		title GIG-Array 25mm PLUG ASSY. 296 SIG. POS.			dwg no 10054784	rev F
		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
PICK-UP CAP



DIM. "A"	RECPT. ASSY. P/N
30	55701
35	10032376
40	55733

NOT TOOLED

spec ref		*		dr		Bill Lin	2010/02/02	projection				mm		size		A4	scale		1:2						
tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/05/27			ecn no		ELX-DG-003943-1		rel level		Released							
-				chr		Alex Cao	2011/06/24	appr						Pei-Ming Zheng	2011/06/27			product family		GIG-Array					
surface		✓		linear		0.X		±0.30				title		GIG-Array		25mm PLUG ASSY. 296 SIG. POS.		dwg no		10054784		rev		F	
				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
10054784-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10054784-001LF	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 LEADFREE 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.

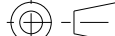
④ CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T ARE SINGLE BEAM CONTACTS USED AS GROUND PINS. (NOTE: CONTACTS IN ROWS J & K ARE TIED TOGETHER [COMMONED])

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 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 THIS DIRECTIVE IS IDENTIFIED IN THE LOT 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	1:2
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/05/27			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 25mm PLUG ASSY. 296 SIG. POS.		dwg no	10054784		rev	F
		0.XX	±0.10									
		0.XXX	±0.05									
	angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw			sheet 5 of 5		