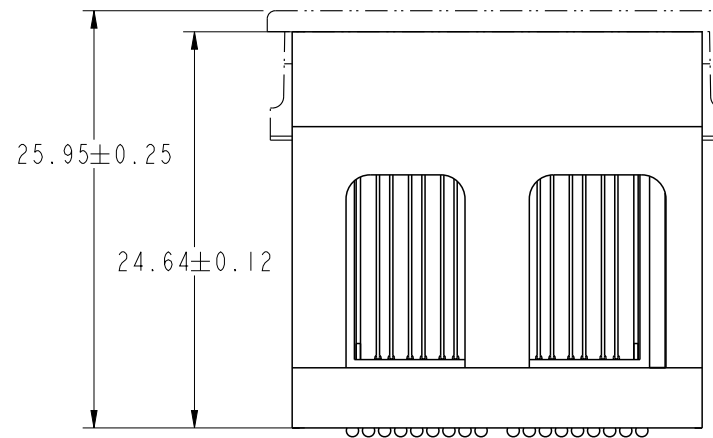
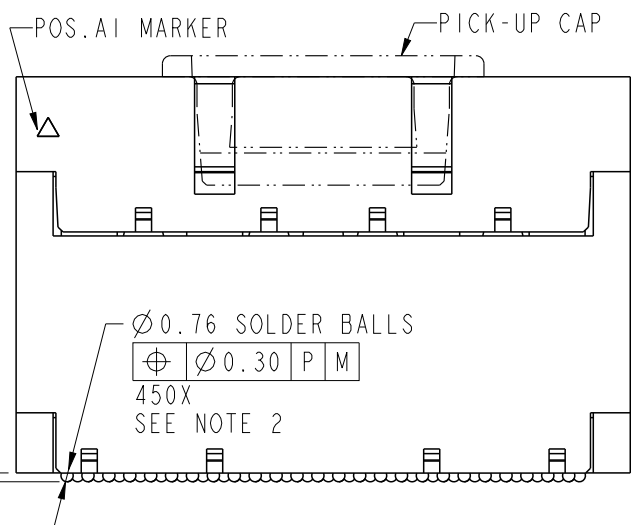
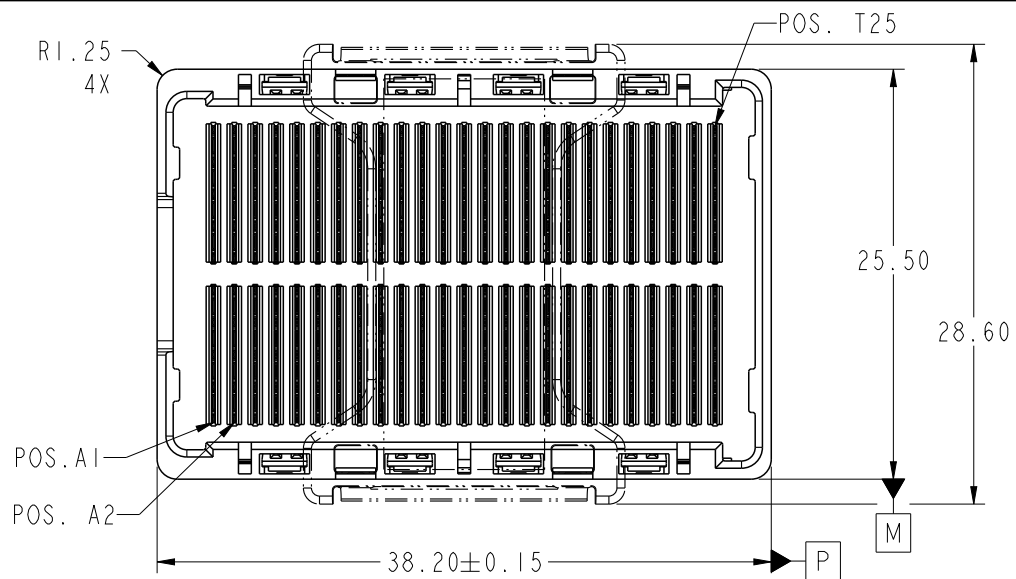
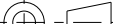




spec ref		-		dr		Bill Lin	2010/02/02	projection				mm		size		A4	scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/01			product family		GIG-Array		ecn no		ELX-DG-003943-1				
ASME Y14.5				chr		Alex Cao	2011/06/24							rel level		Released				
-				appr		Pei-Ming Zheng	2011/06/27													
surface			linear		0.X		±0.30				title		GIG-Array		dwg no		10096467		rev	
					0.XX		±0.10													
					0.XXX		±0.05													
-			angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 5		B			



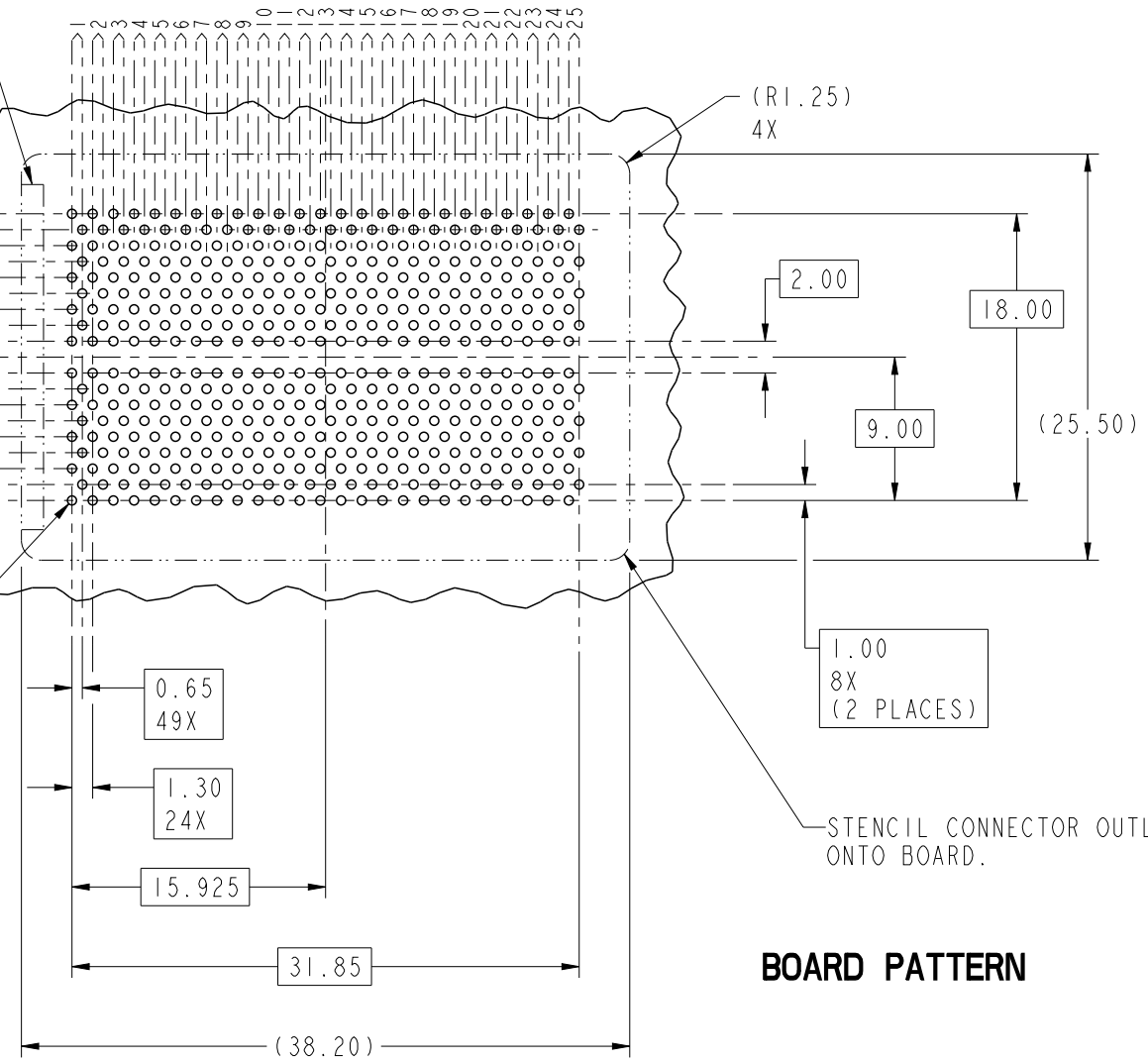
Copyright FCI.

KEY ORIENTATION SILKSCREEN
(OPTIONAL)

SEE NOTES 4 & 5

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

$\varnothing 0.60$
 $\varnothing 0.55$
 $\varnothing 0.10$ N
PAD SIZE
450X
SEE NOTE 6



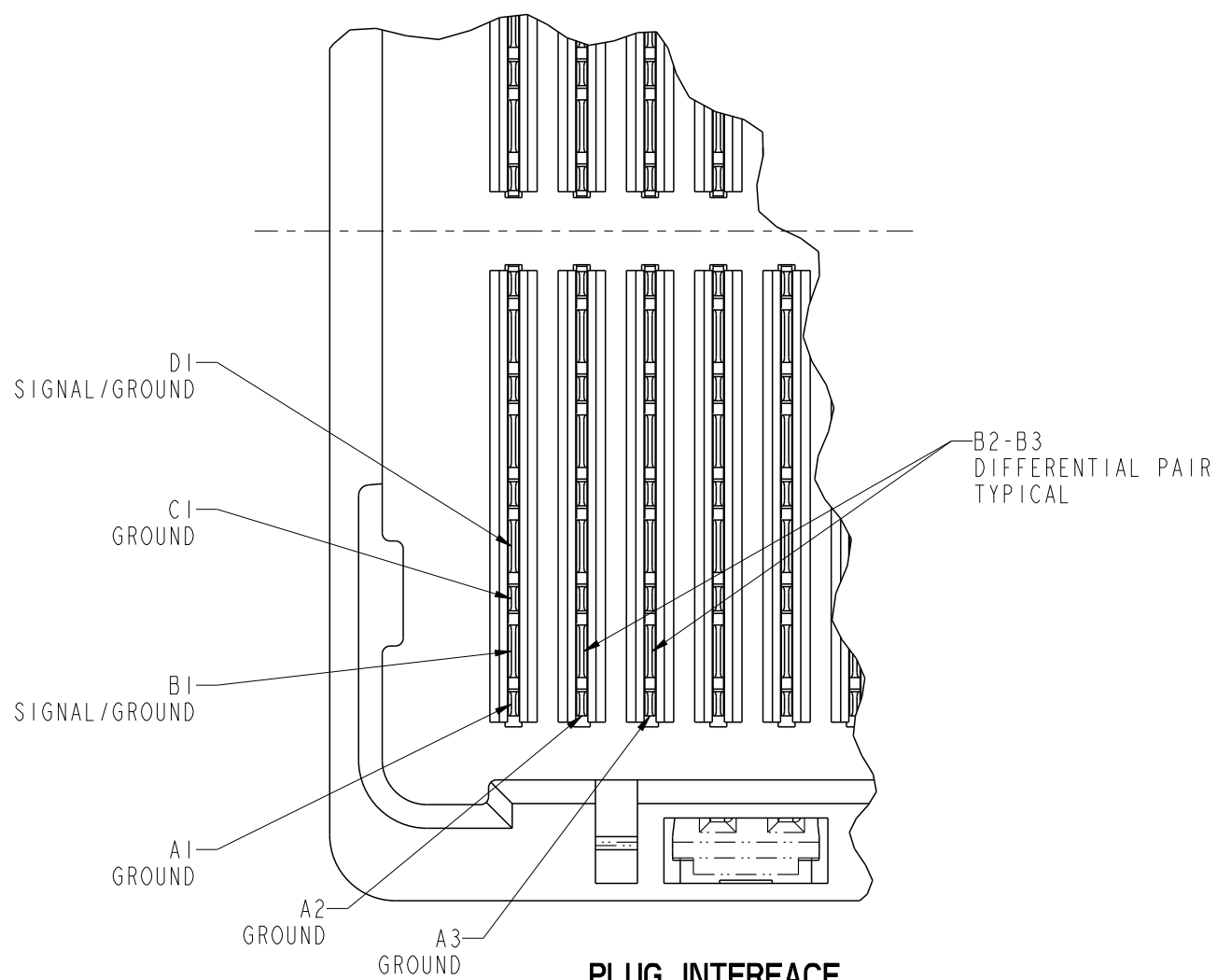
BOARD PATTERN

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		2011/06/01				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 ✓		linear	0.X	±0.30		title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.				dwg no 10096467	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	

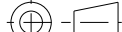
PrintE File - REV C - 2009-06-09



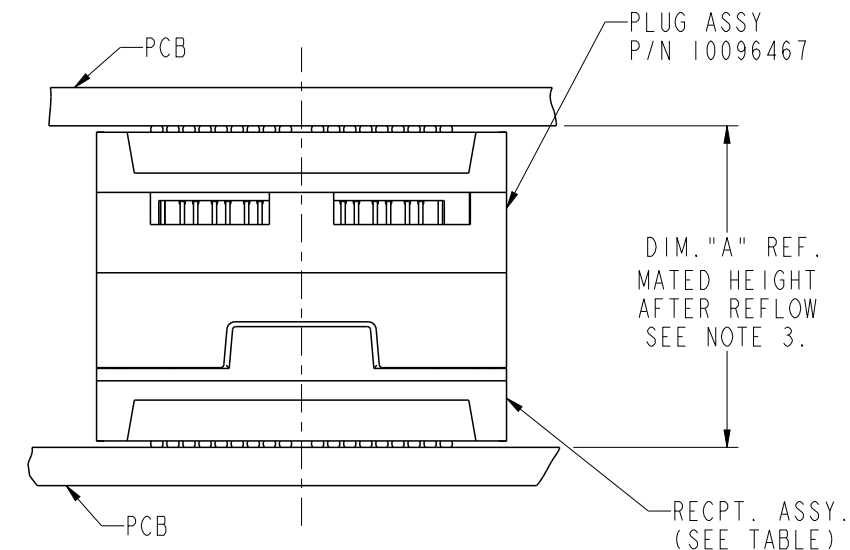
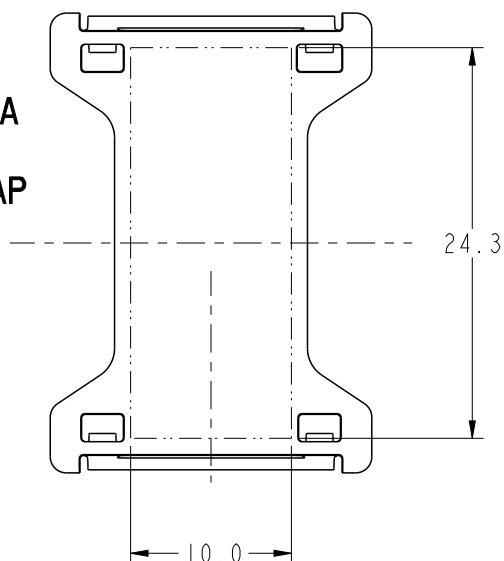
Copyright FCI.



PLUG INTERFACE DESCRIPTION

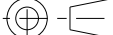
spec ref -				dr Bill Lin 2010/02/02		projection 	 mm	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/01				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface 	linear	0.X	±0.30		title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.			dwg no 10096467	rev B
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						

FLAT AREA
FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
30	55740
36	10081496
40	10060912

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	2011/06/01		ecn no ELX-DG-003943-1			
				chr	Alex Cao	2011/06/24					
				appr	Pei-Ming Zheng	2011/06/27		product family		GIG-Array	
surface ✓ -	linear	0.X	±0.30		title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.		dwg no	10096467		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



Copyright FCI.

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10096467-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10096467-001LF	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, 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 THIS DIRECTIVE IS IDENTIFIED IN HTE 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		size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/01			ecn no			ELX-DG-003943-1
-	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Alex Cao	2011/06/24			rel level			Released
surface	linear	appr	Pei-Ming Zheng	2011/06/27	product family	GIG-Array	dwg no			10096467
-	angular	www.fci.com		cat. no.	Product - Customer Drw			sheet 5 of 5		
	0.X				title			rev		
	0.XX				GIG-Array			B		
	0.XXX				25mm PLUG ASSY. 200 SIG. POS.					
	0°									
	±0.30									
	±0.10									
	±0.05									
	±2°									

PrintE File - REV C - 2009-06-09