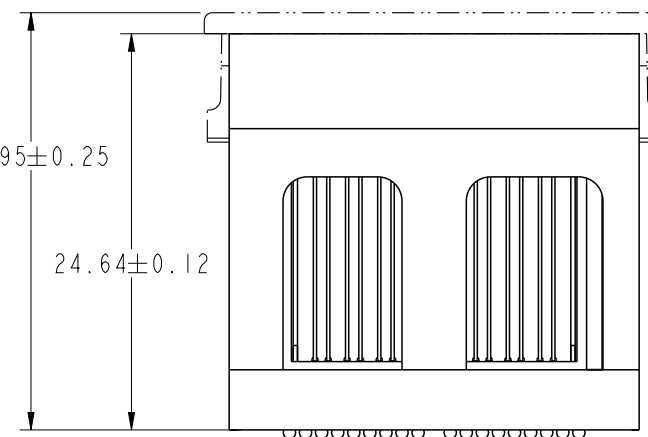
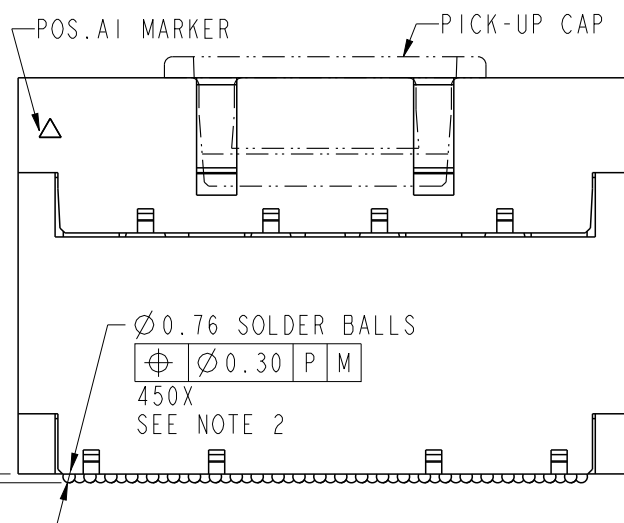
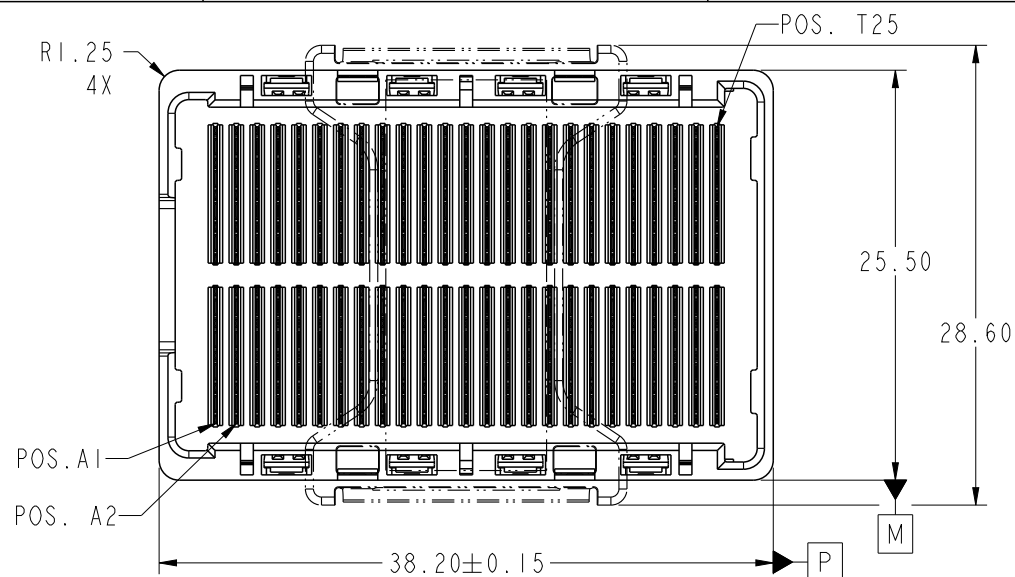
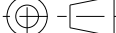


rev	ecn no	dr	date
A	V09-0080	DKH	2009-02-18



spec ref -				dr Bill Lin2010/02/02		projection 	mm 	size A4	scale 1:1				
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				rel level Released					
				appr Pei-Ming Zheng2011/06/27									
surface ✓ - linear					title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.	dwg no 10096467	rev B						
									angular 0° ±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 5



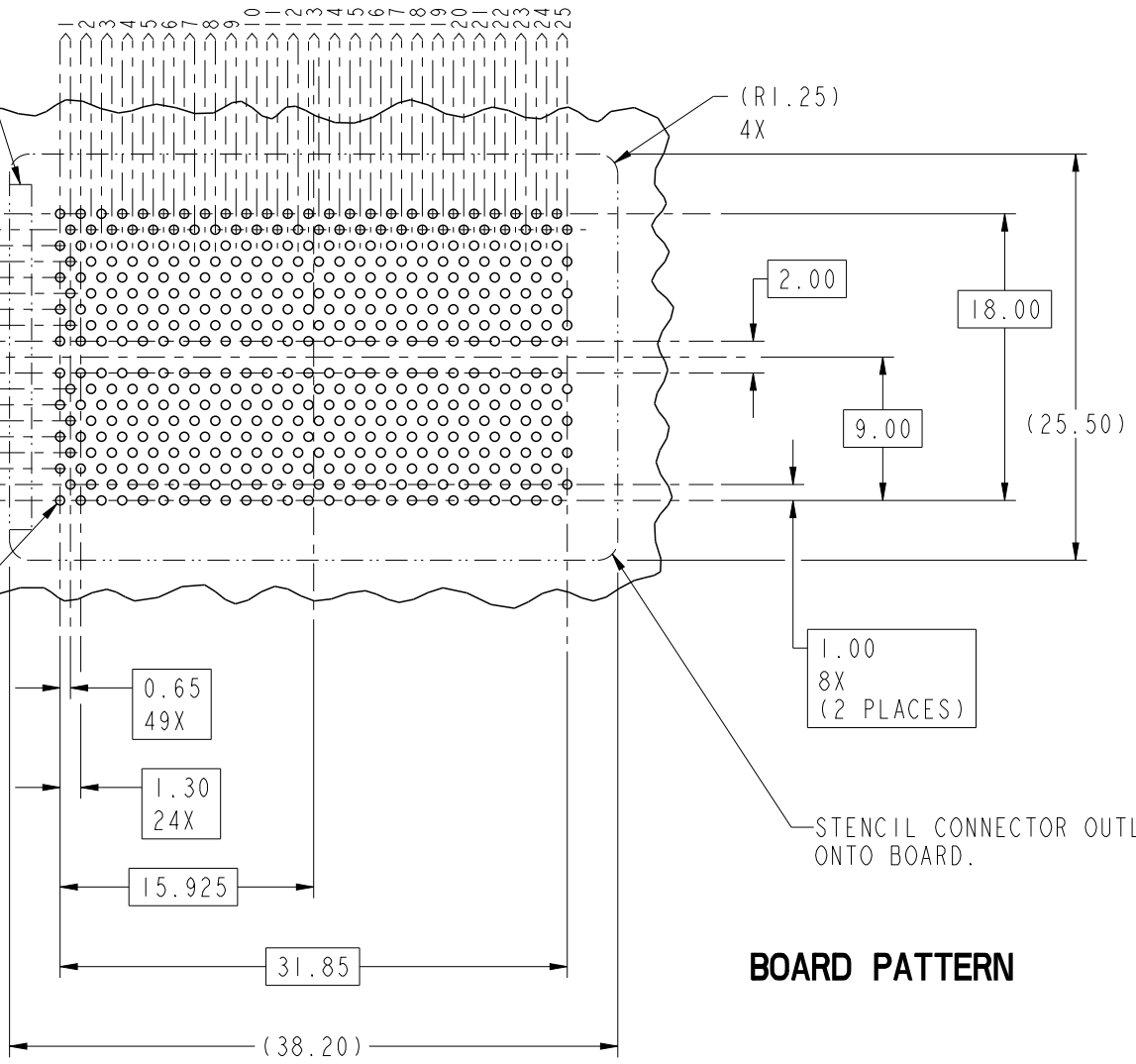
Copyright FCI.

KEY ORIENTATION SILKSCREEN
(OPTIONAL)

SEE NOTES 4 & 5

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

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



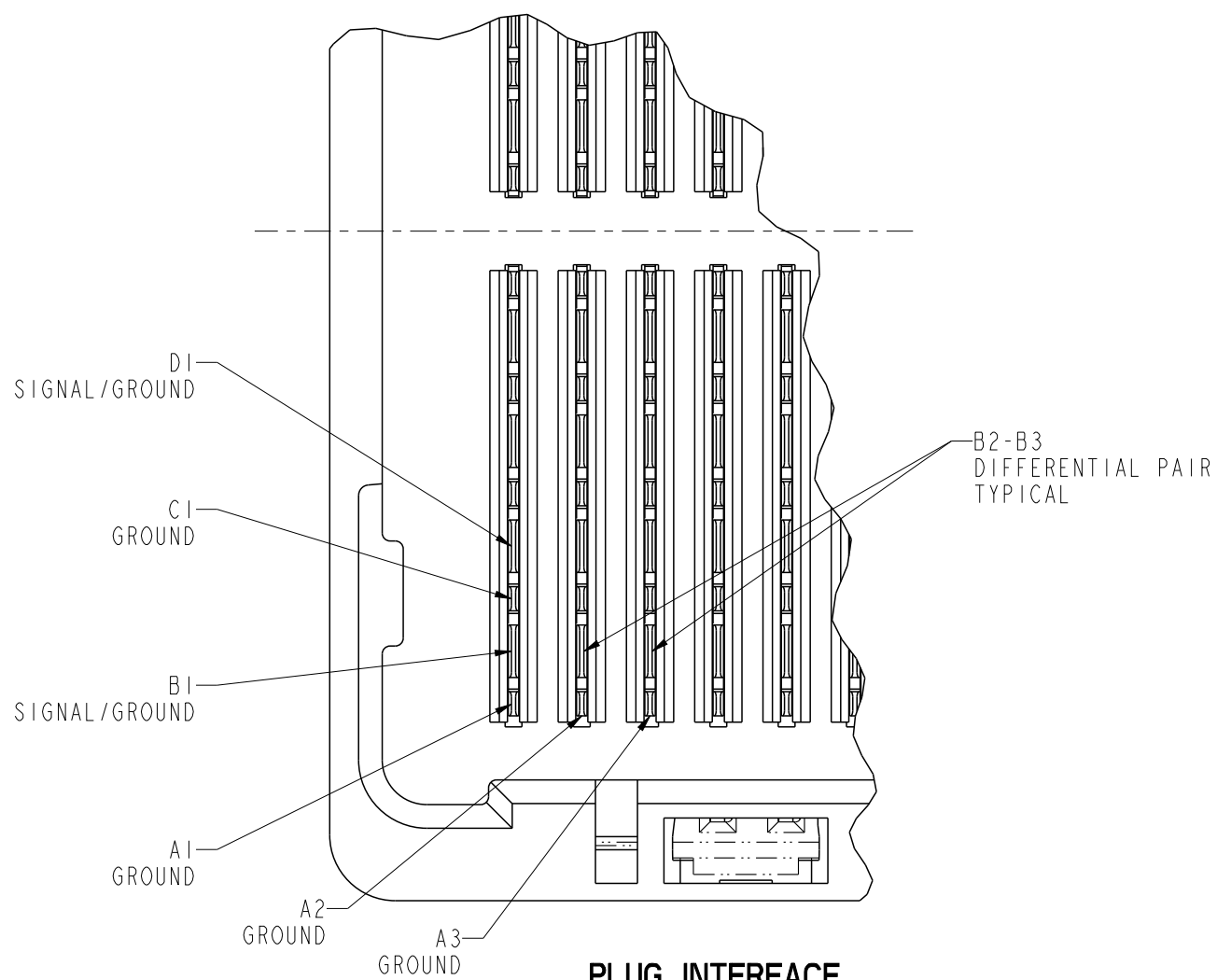
BOARD PATTERN

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°

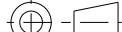
PrintE File - REV C - 2009-06-09



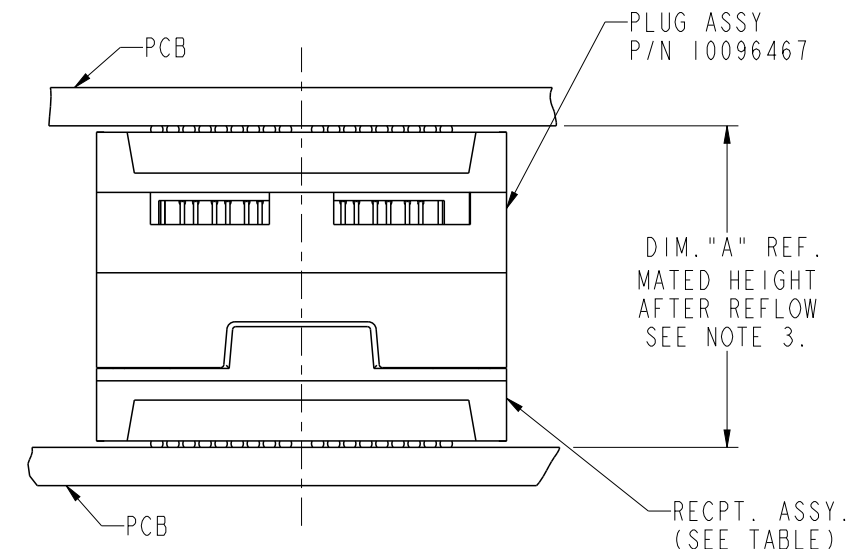
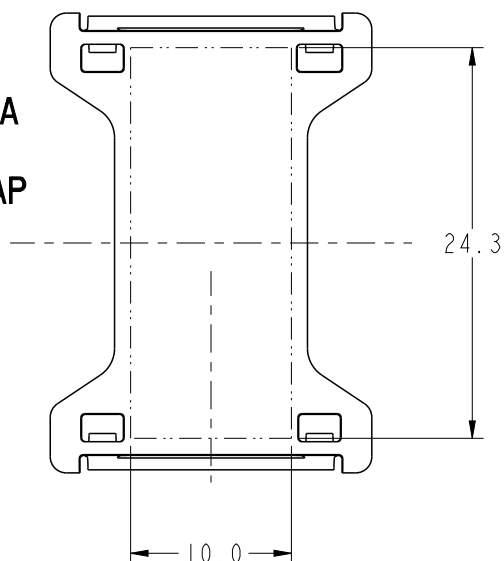
Copyright FCI.



PLUG INTERFACE DESCRIPTION

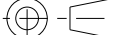
spec ref -				dr Bill Lin 2010/02/02		projection 	 mm	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/01				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
surface  -		linear	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°	±2°					www.fci.com

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		rel level			Released	
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			



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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	mm	size	A4	scale	1:1	
tolerance std	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							
ASME Y14.5		-		product family				GIG-Array		rel level		Released		
surface		linear	0.X	±0.30		title	GIG-Array			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 5 of 5			

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[10096467-001](#) [10096467-001LF](#)