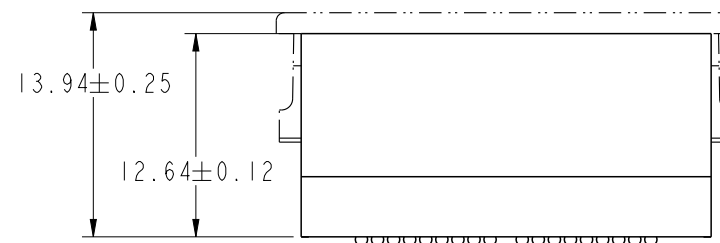
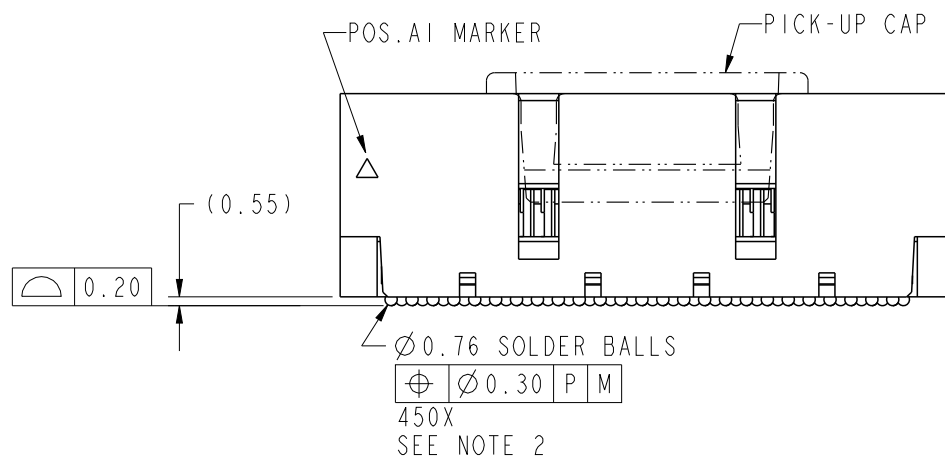
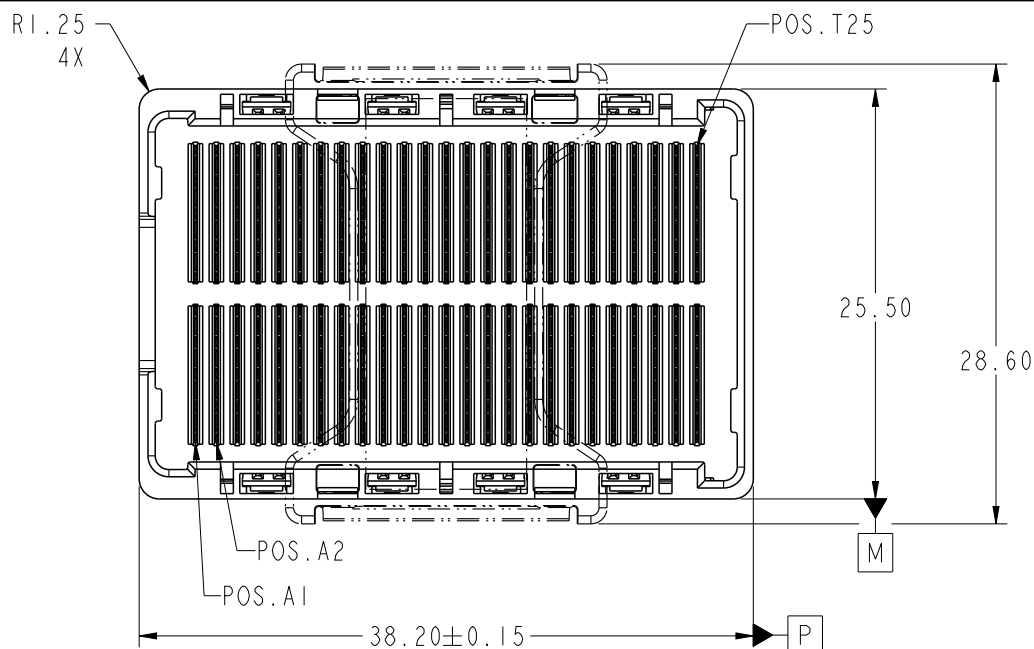
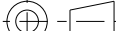




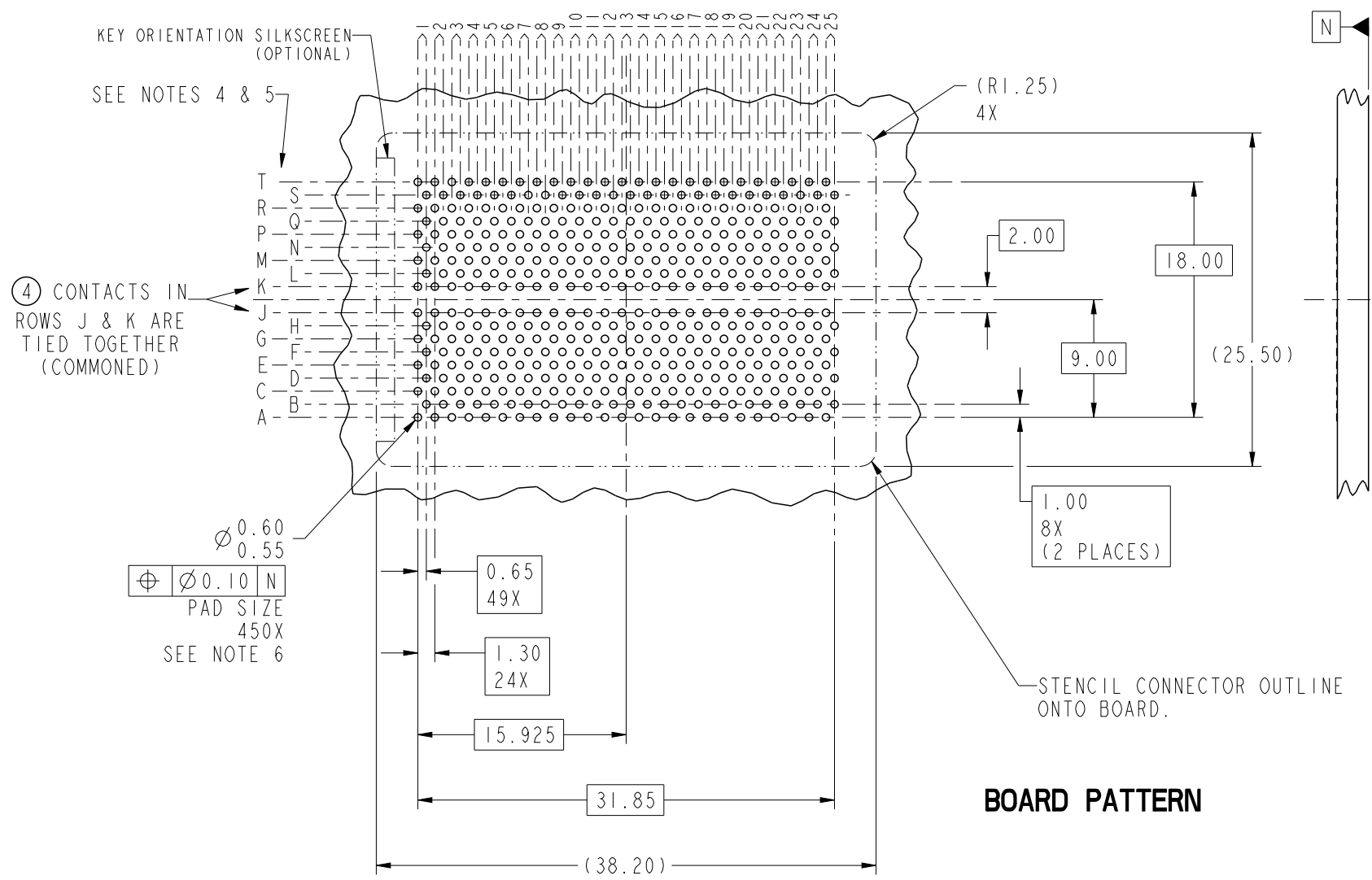
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A	V05-0321	TAB	04/08/05
B	V05-1009	LP	11/7/05
C	V06-0239	LP	3/27/06
D	V06-0558	LP	2006/06/21
E	V07-0440	LP	2007-07-09
F	V09-0071	PK	2009-02-24



spec ref -				dr Bill Lin2010/02/02		projection 		mm 		size A4		scale 1:1	
tolerance std ASME Y14.5 -				eng Nickor Zuo2011/06/13						ecn no ELX-DG-003943-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				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 13mm PLUG ASSY. 200 SIG. POS.		dwg no 10055142		rev G	
				0.XX±0.10									
				0.XXX±0.05									
- angular		0° ±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 5			



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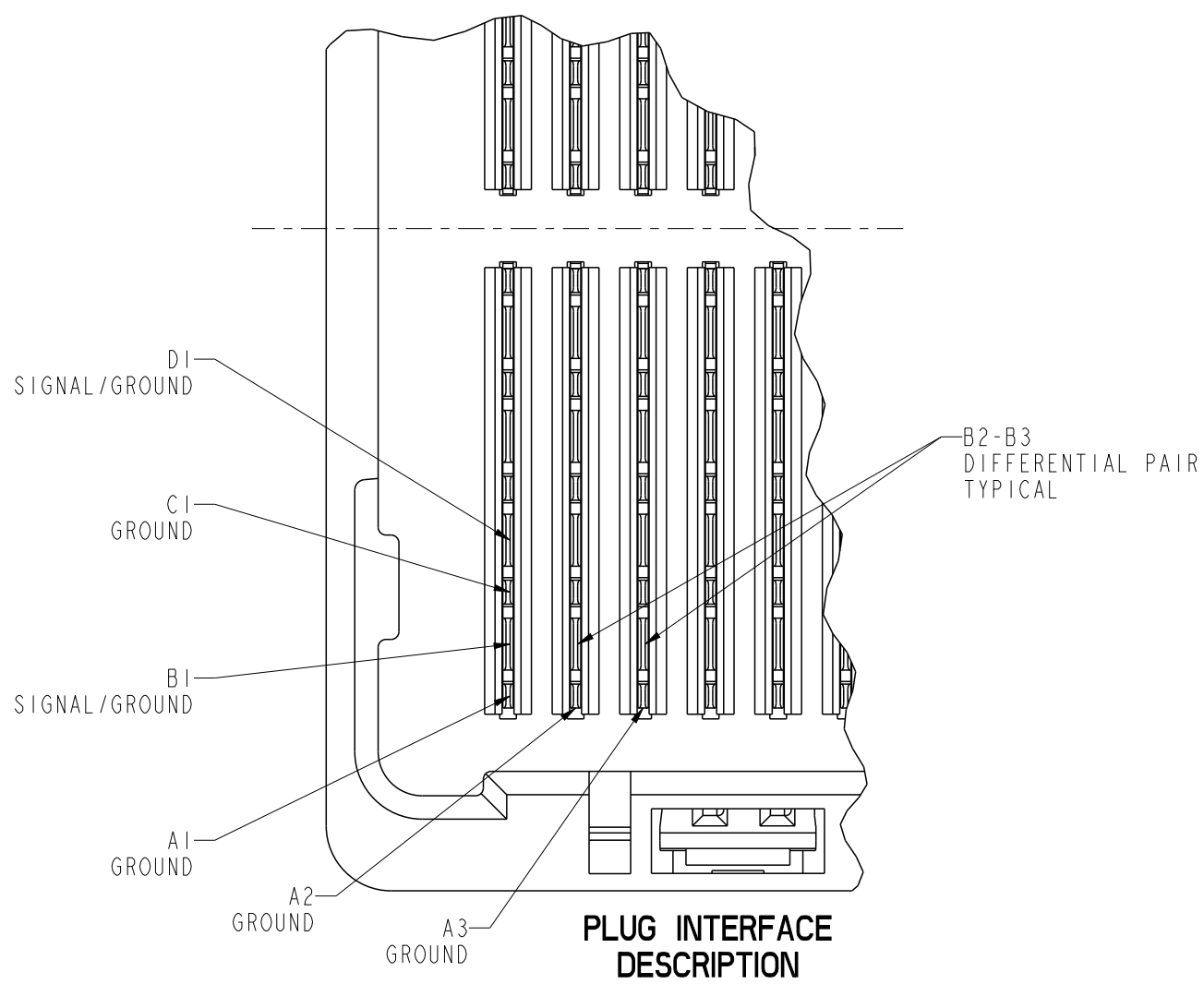


spec ref -				dr Bill Lin		2010/02/02		projection		mm		size A4		scale 1:1	
tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo		2011/06/13							
						chr Alex Cao		2011/06/24							
						appr Pei-Ming Zheng		2011/06/27							
						product family GIG-Array				ecn no ELX-DG-003943-1					
										rel level Released					
surface ✓		linear		0.X		±0.30				title GIG-Array		dwg no 10055142		rev G	
				0.XX		±0.10									
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-		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 5	

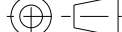



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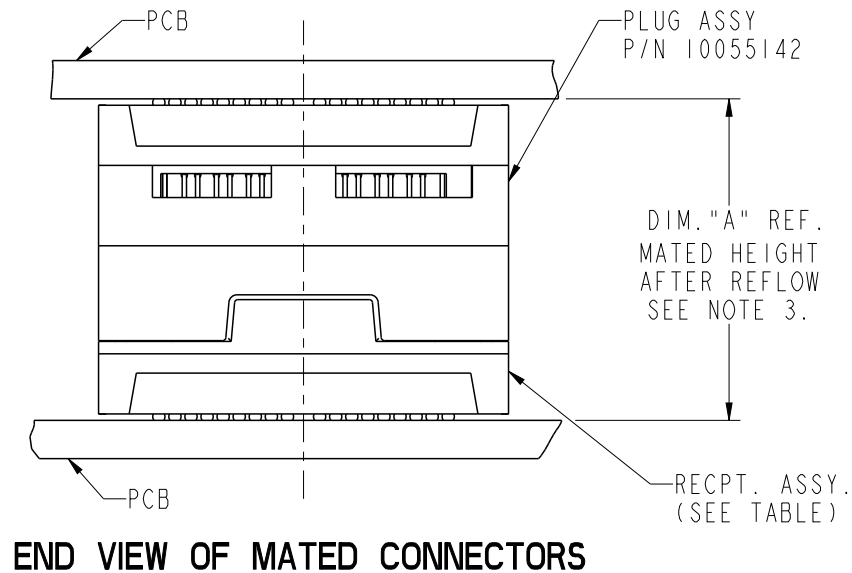
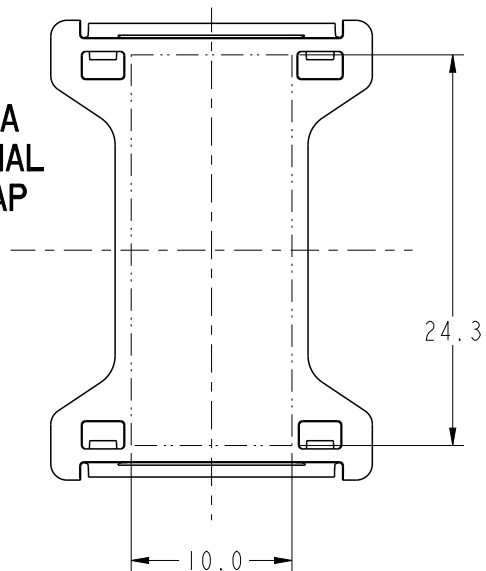


PLUG INTERFACE DESCRIPTION

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 2011/06/13				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 13mm PLUG ASSY. 200 SIG. POS.			dwg no 10055142	rev G
		0.XX	±0.10						
		0.XXX	±0.05						
	-	angular	0°						

ProjE File - REV C - 2009-06-09

FLAT AREA
FOR OPTIONAL
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
28	55741
18	55740

spec ref	-	dr	Bill Lin	2010/02/02	projection	mm	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/13			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	dwg no	10055142	rev	G
		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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1		2		3		4	
PRODUCT NUMBER		SOLDER BALL COMPOSITION		CONTACT PLATING PERFORMANCE LEVEL			
10055142-001		STANDARD (EUTECTIC)		PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE			
10055142-001LF		LEADFREE					
10055142-201		STANDARD (EUTECTIC)		Au over Ni			
10055142-201LF		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, LEAD FREE 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	1:1
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Nickor Zuo	2011/06/13			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	dwg no	10055142	rev	G	
			0.XX	±0.10								
			0.XXX	±0.05								
-		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 5 of 5			

PrintE File - REV C - 2009-06-09

2

3

PDS: Rev :G

STATUS:Released

Printed: Jun 27, 2011

Mouser Electronics

Authorized Distributor

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