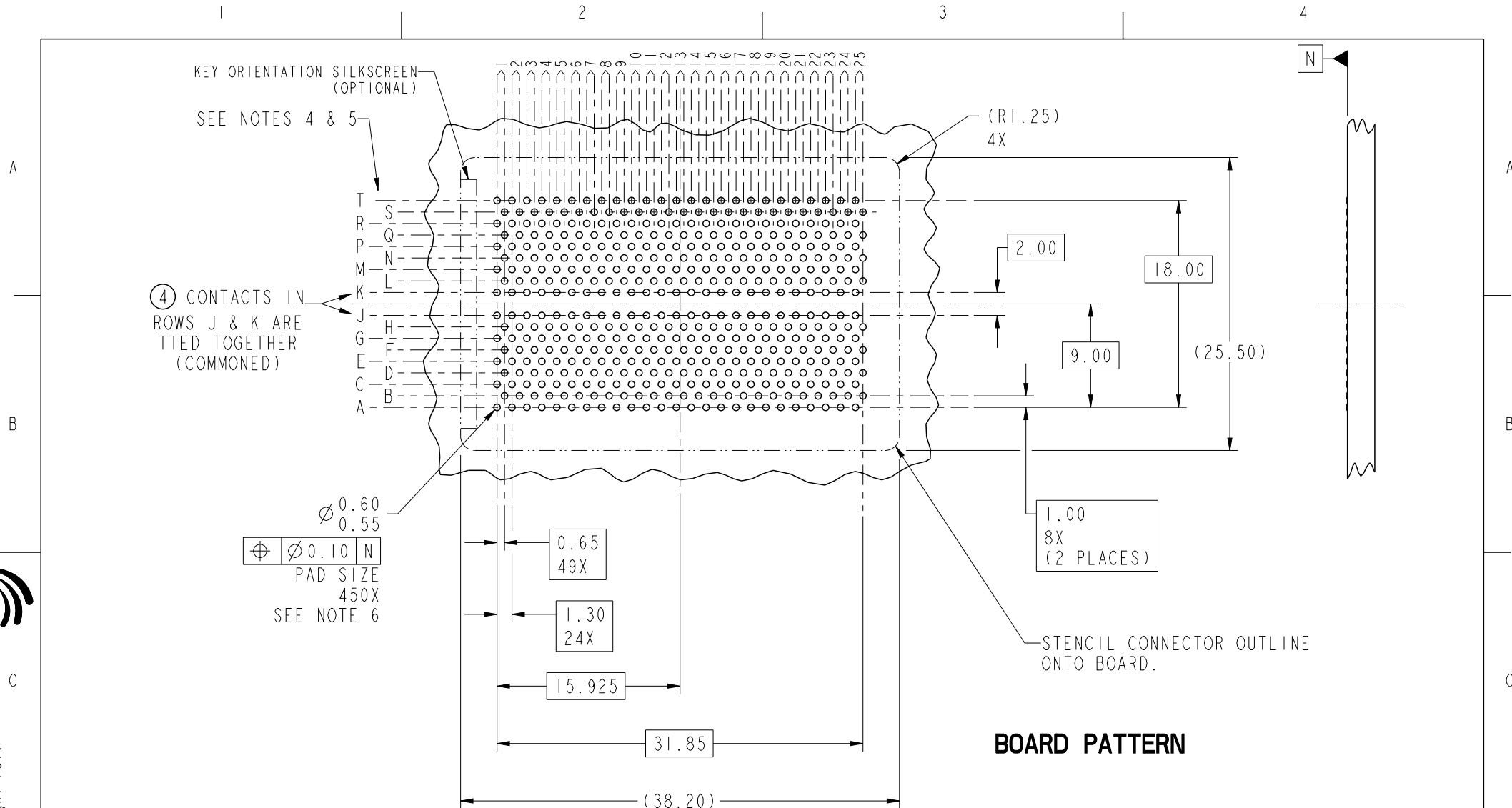
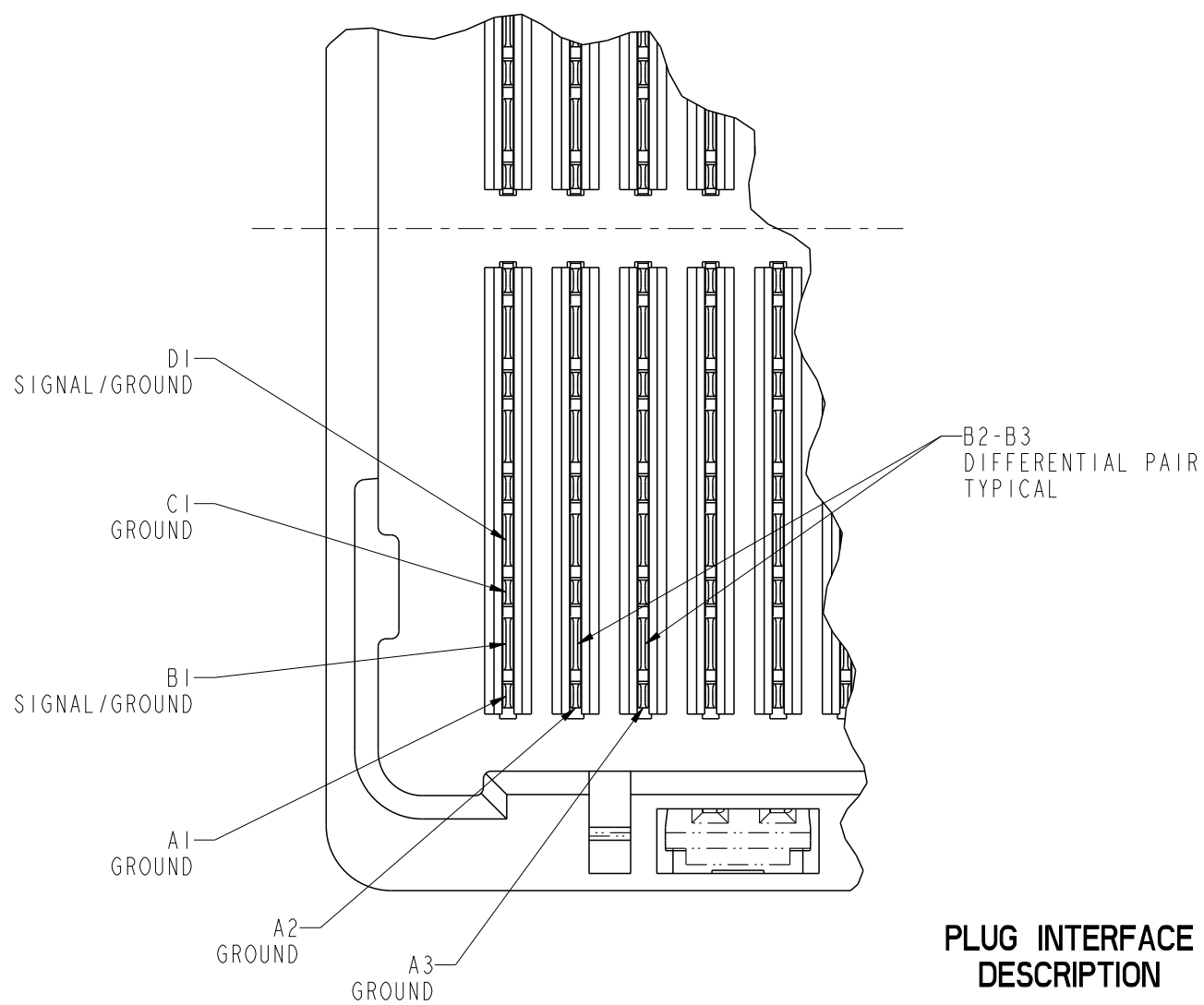




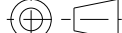
spec ref *				dr Bill Lin 2010/02/02		projection		mm		size A4		scale 1:1	
tolerance std ASME Y14.5 -				TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Nickor Zuo 2011/05/26						ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24		appr Pei-Ming Zheng 2011/06/27		product family GIG-Array				rel level Released	
surface		linear	0.X ±0.30 0.XX ±0.10 0.XXX ±0.05			title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.				dwg no 10054783		rev E	
-		angular	0° ±2°	www.fci.com		cat. no. *		Product - Customer Drw				sheet 2 of 5	



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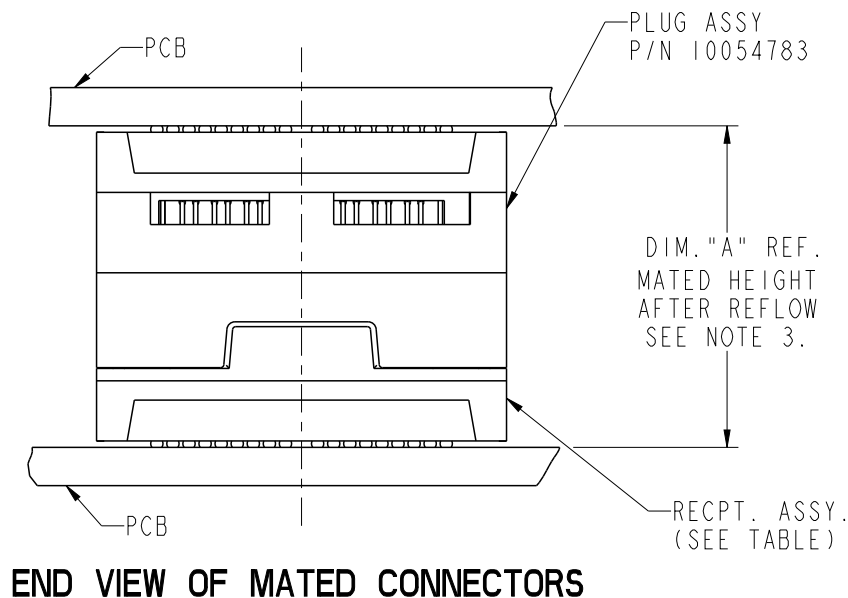
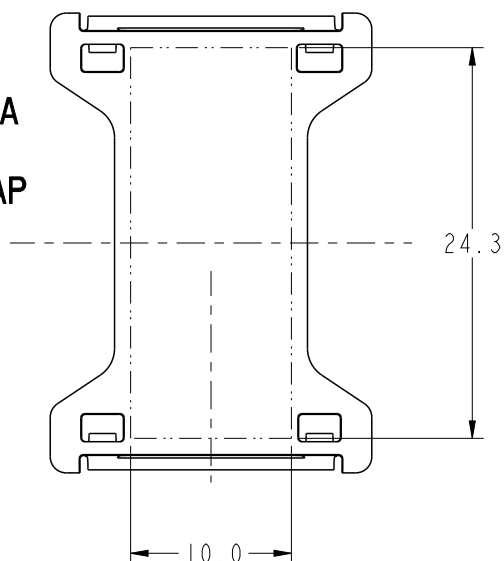


PLUG INTERFACE DESCRIPTION

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 2011/05/26				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24					
				appr Pei-Ming Zheng 2011/06/27					product family GIG-Array
surface  -	linear	0.X	±0.30		title GIG-Array 25mm PLUG ASSY. 200 SIG. POS.	dwg no 10054783	rev E		
		0.XX	±0.10						
		0.XXX	±0.05						
		angular	0°	±2°	www.fci.com	cat. no. *	Product - Customer Drw		sheet 3 of 5

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FLAT AREA
FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
30	55740
35	10026010
40	55741

NOT TOOLED

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							
				appr	Pei-Ming Zheng	2011/06/27				product family		GIG-Array	
surface	✓	linear	0.X	±0.30		title	GIG-Array		dwg no	10054783		rev	E
			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
10054783-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10054783-001LF	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 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
surface ✓ -	linear	0.X	±0.30		title	GIG-Array 25mm PLUG ASSY. 200 SIG. POS.		dwg no	10054783		rev	E
		0.XX	±0.10									
		0.XXX	±0.05									
		angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw		sheet 5 of 5		

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