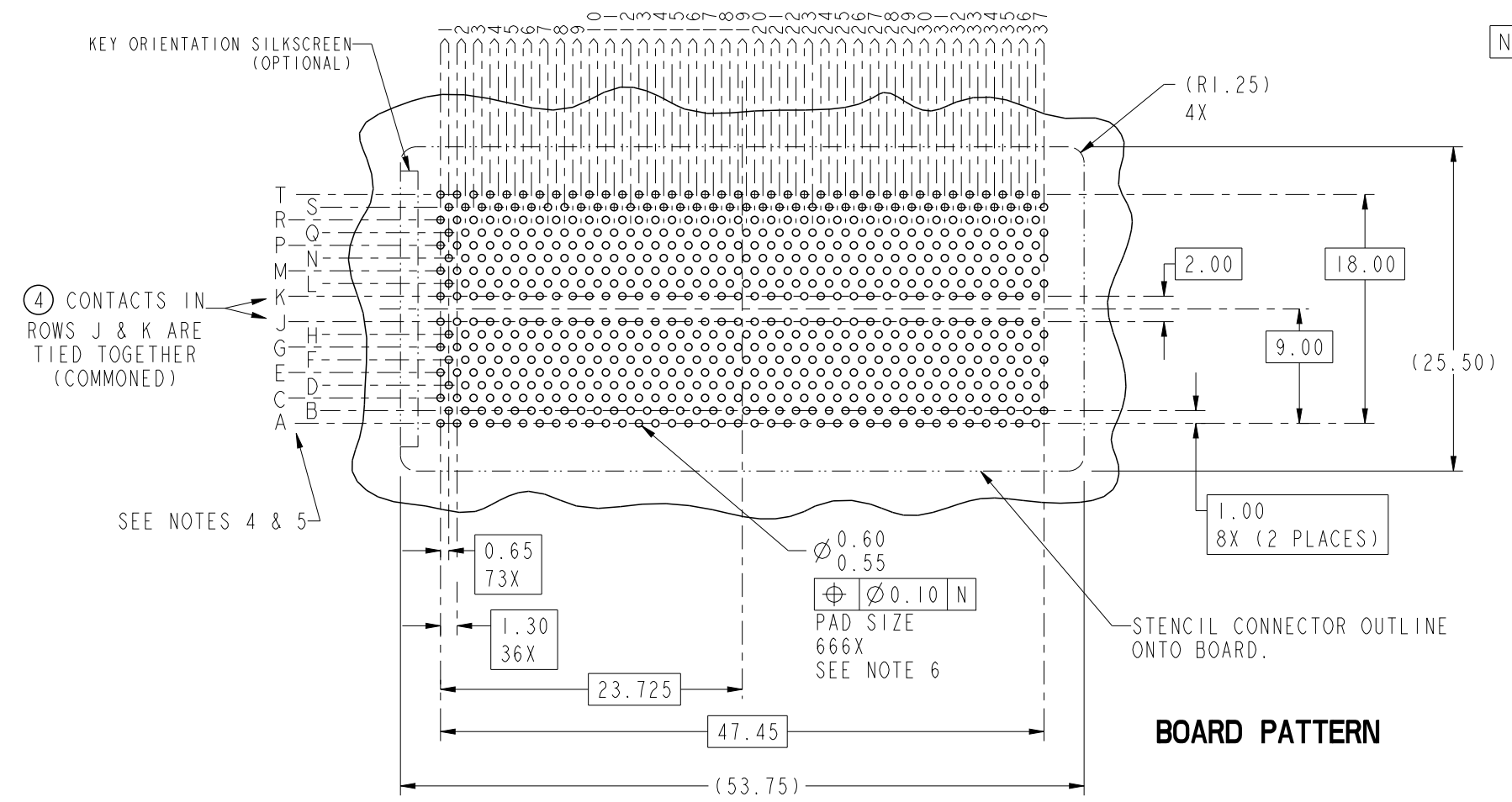
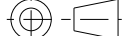




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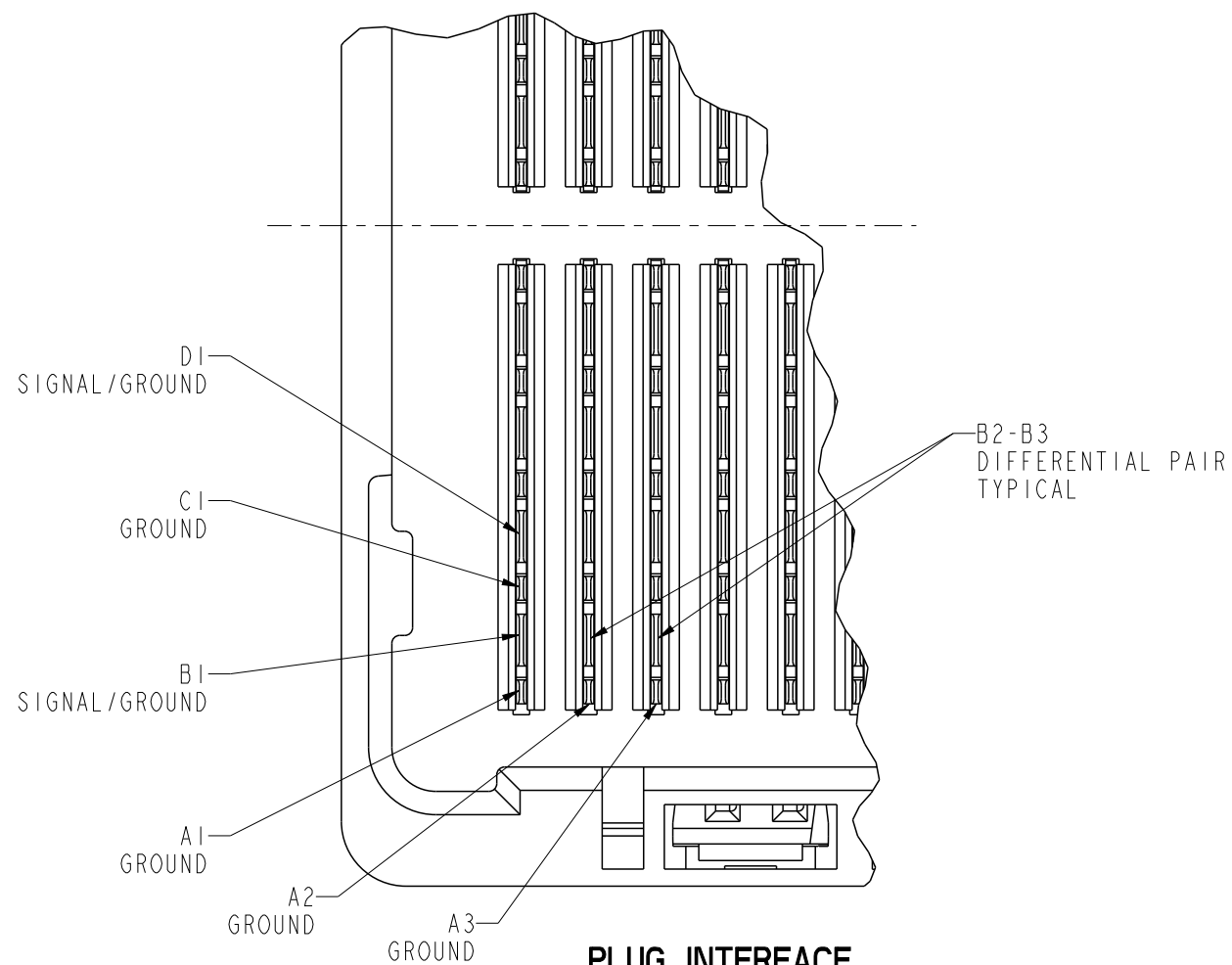


spec ref -				dr Bill Lin 2010/02/02		projection 	MM 	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/24				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27					
product family GIG-Array									
surface 3.2 ASME Y14.5	linear	0.X	±0.30		title GIG-Array 13mm PLUG ASSY. 296 SIG. POS.	dwg no 10055143	rev H		
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°						www.fci.com

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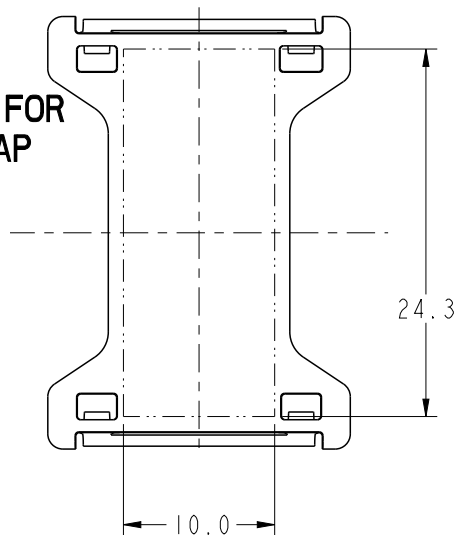
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PLUG INTERFACE DESCRIPTION

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 Zuo2011/06/24				ecn no ELX-DG-003943-1			
				chr Alex Cao2011/06/24				rel level Released			
				appr Pei-Ming Zheng2011/06/27							
						product family GIG-Array					
surface 3.2		linear	0.X	±0.30		title GIG-Array 13mm PLUG ASSY. 296 SIG. POS.		dwg no 10055143	rev H		
			0.XX	±0.10							
			0.XXX	±0.05							
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw			sheet 3 of 5

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Prof/E File : REV C : 2009-06-09

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10055143-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
10055143-001LF	LEADFREE	
10055143-201	STANDARD (EUTECTIC)	
10055143-201LF	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, 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 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/24				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 3.2 ASME Y14.5	linear	0.X	±0.30		title GIG-Array 13mm PLUG ASSY. 296 SIG. POS.	dwg no 10055143	rev H		
		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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PDS: Rev :H

STATUS:Released

Printed: Jun 28, 2011