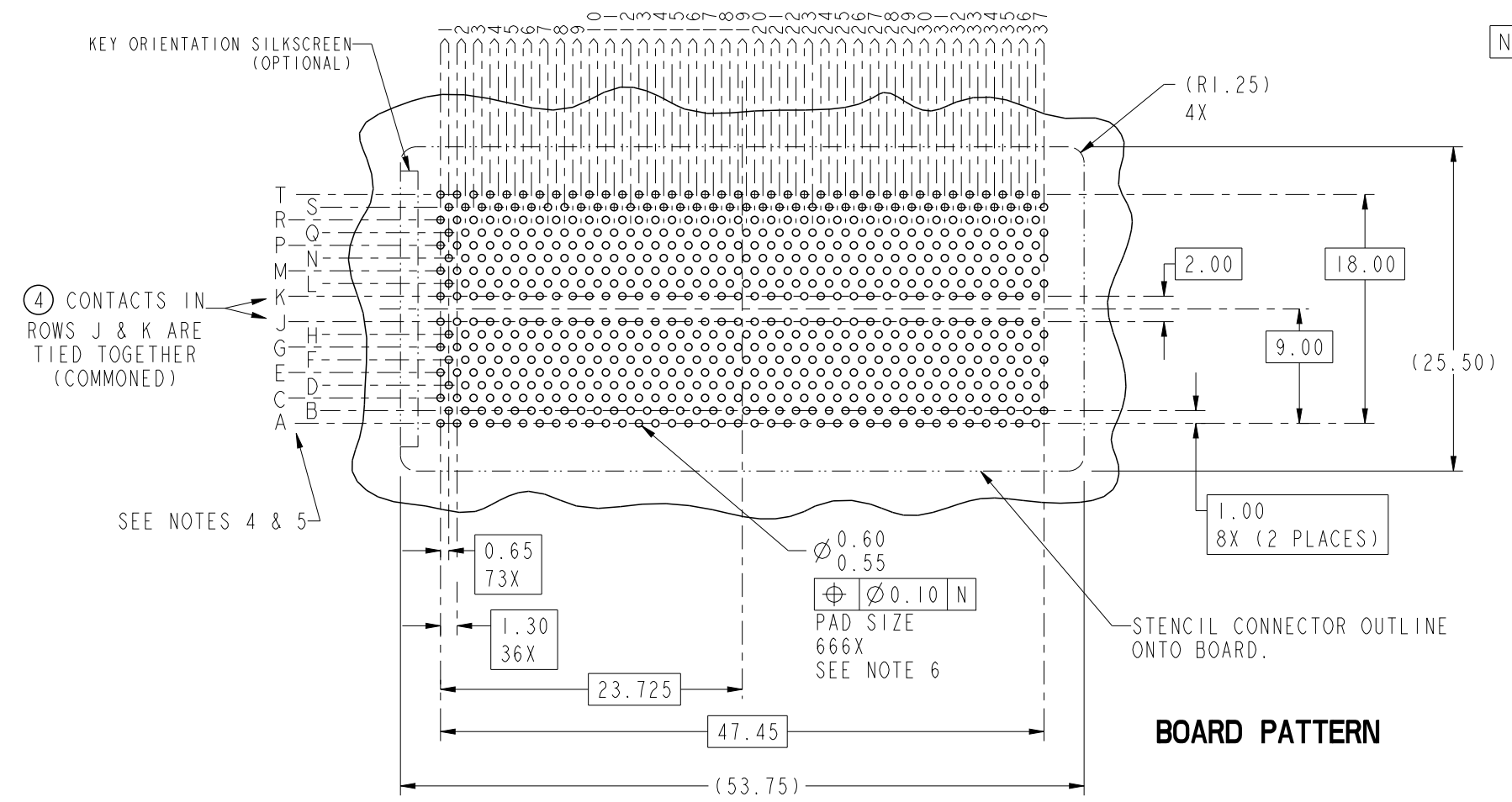
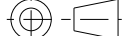




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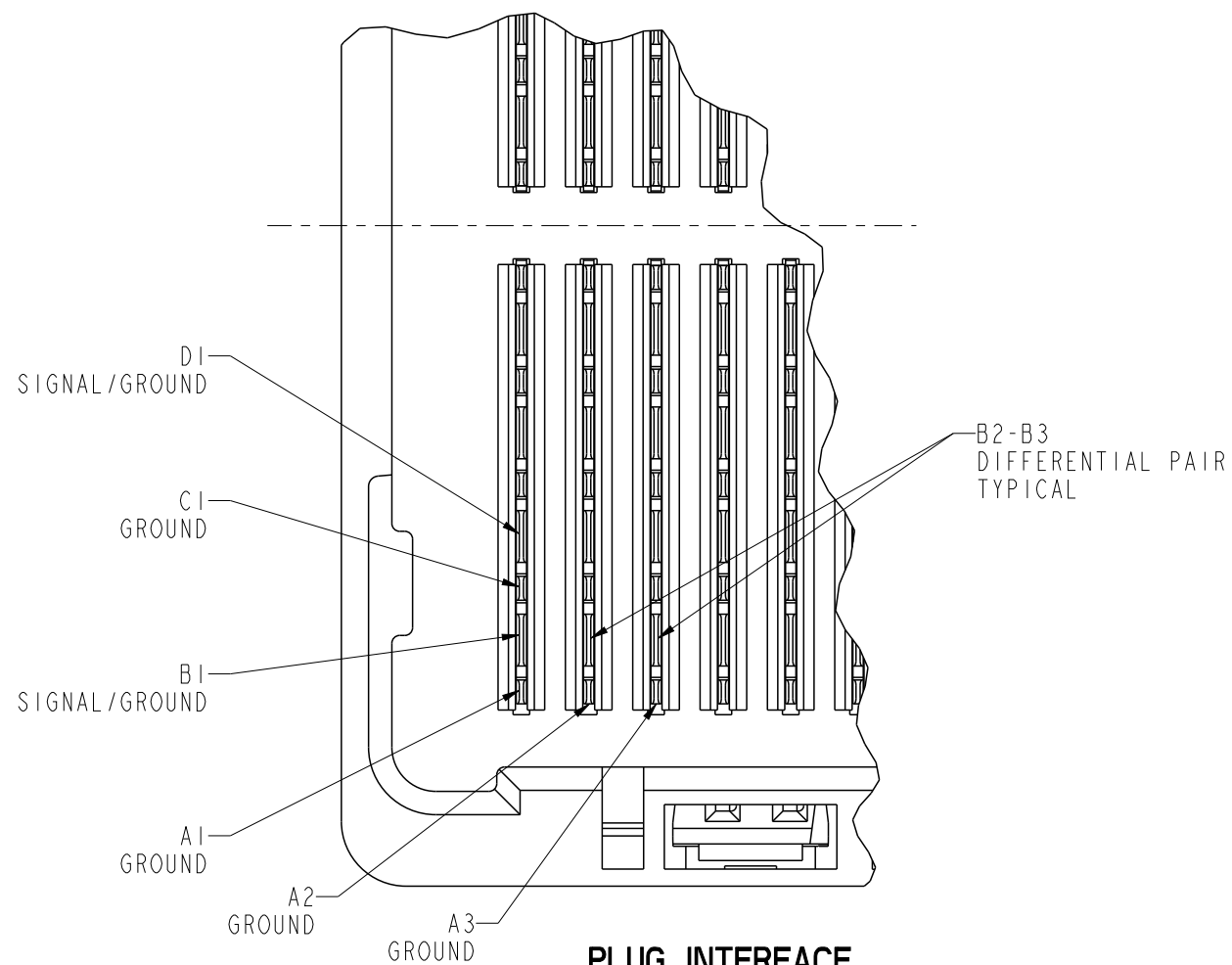


spec ref -				dr Bill Lin 2010/02/02		projection 	MM 	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/24				ecn no ELX-DG-003943-1	
				chr Alex Cao 2011/06/24				rel level Released	
				appr Pei-Ming Zheng 2011/06/27				product family GIG-Array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

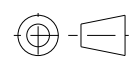
Print File - REV C - 2009-06-09



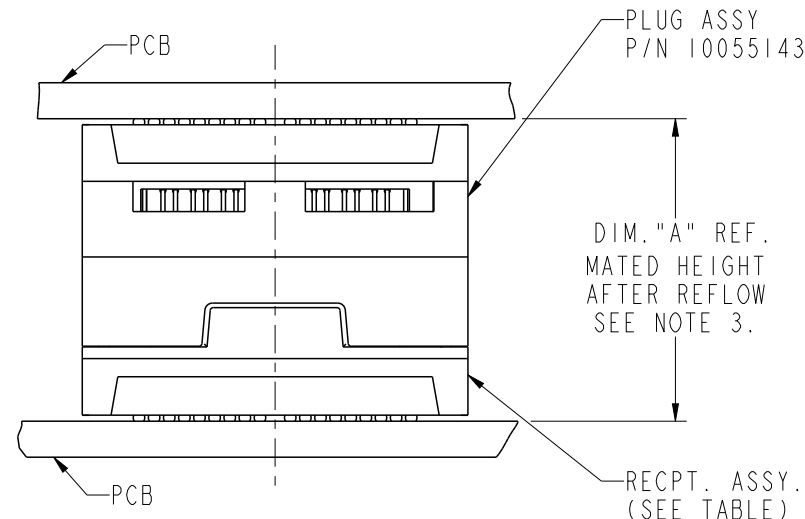
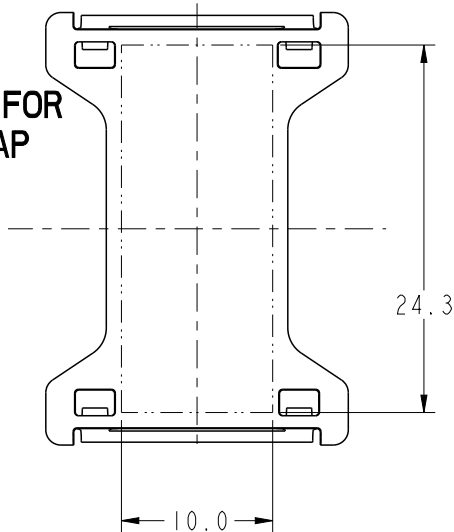
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PLUG INTERFACE DESCRIPTION

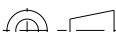
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo2011/06/24				ecn no ELX-DG-003943-1	
				chr Alex Cao2011/06/24				rel level Released	
				appr Pei-Ming Zheng2011/06/27					
				product family GIG-Array					
surface 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

FLAT AREA FOR
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
28	55733
18	55701

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 	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 4 of 5		

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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		size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Nickor Zuo	2011/06/24			ecn no	ELX-DG-003943-1	rel level	Released
		chr	Alex Cao	2011/06/24						
		appr	Pei-Ming Zheng	2011/06/27						
surface	3.2	TOLERANCES UNLESS OTHERWISE SPECIFIED			product family	GIG-Array	dwg no	10055143	rev	H
		linear	0.X	±0.30				cat. no.		
			0.XX	±0.10						
			0.XXX	±0.05						
ASME Y14.5	angular	0°	±2°	www.fci.com	Product - Customer Drw			sheet 5 of 5		

Print File - REV C - 2009-06-09

PDS: Rev :H

STATUS:Released

Printed: Jun 28, 2011

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10055143-201](#) [10055143-001](#) [10055143-001LF](#)