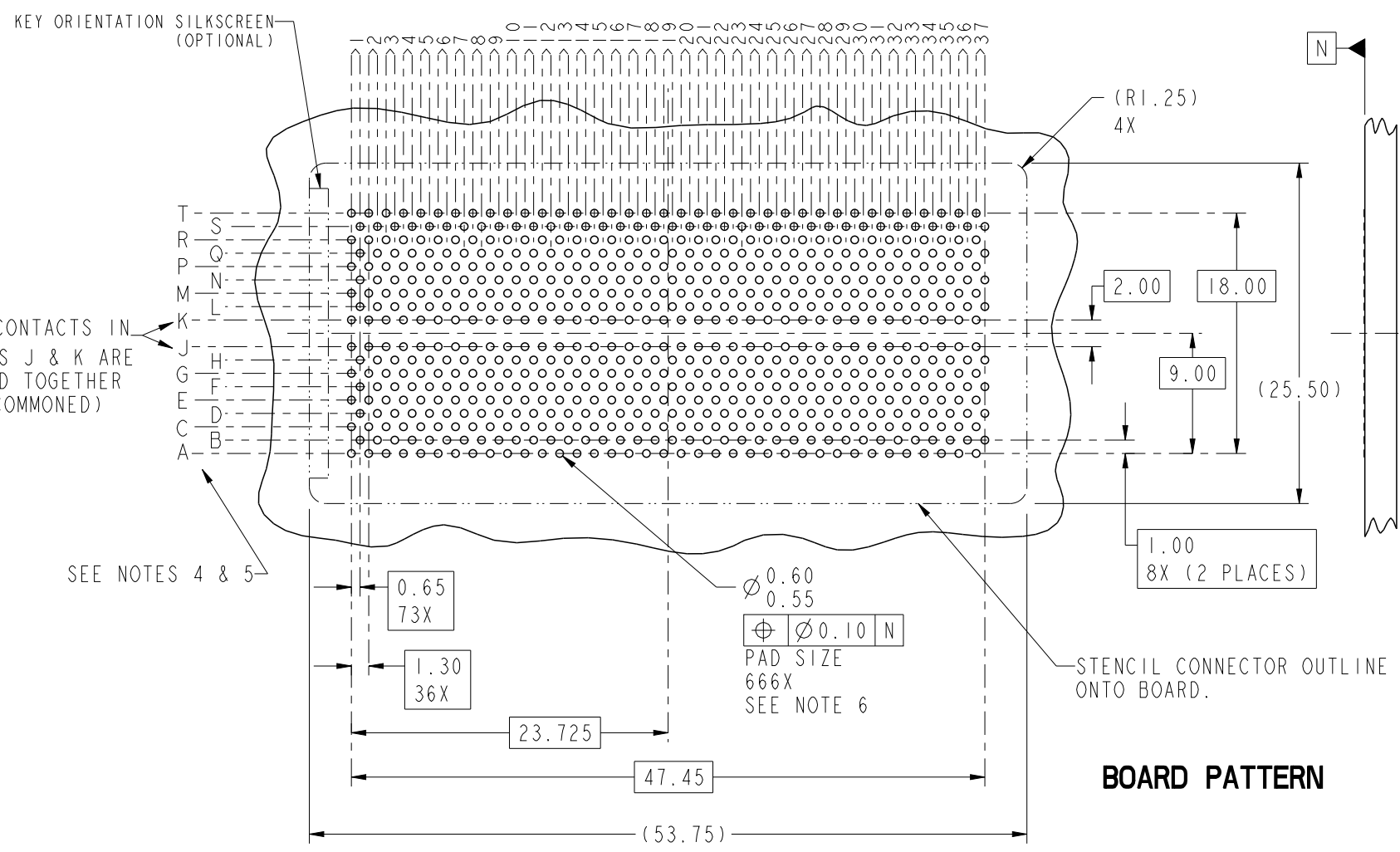




Copyright FCI.

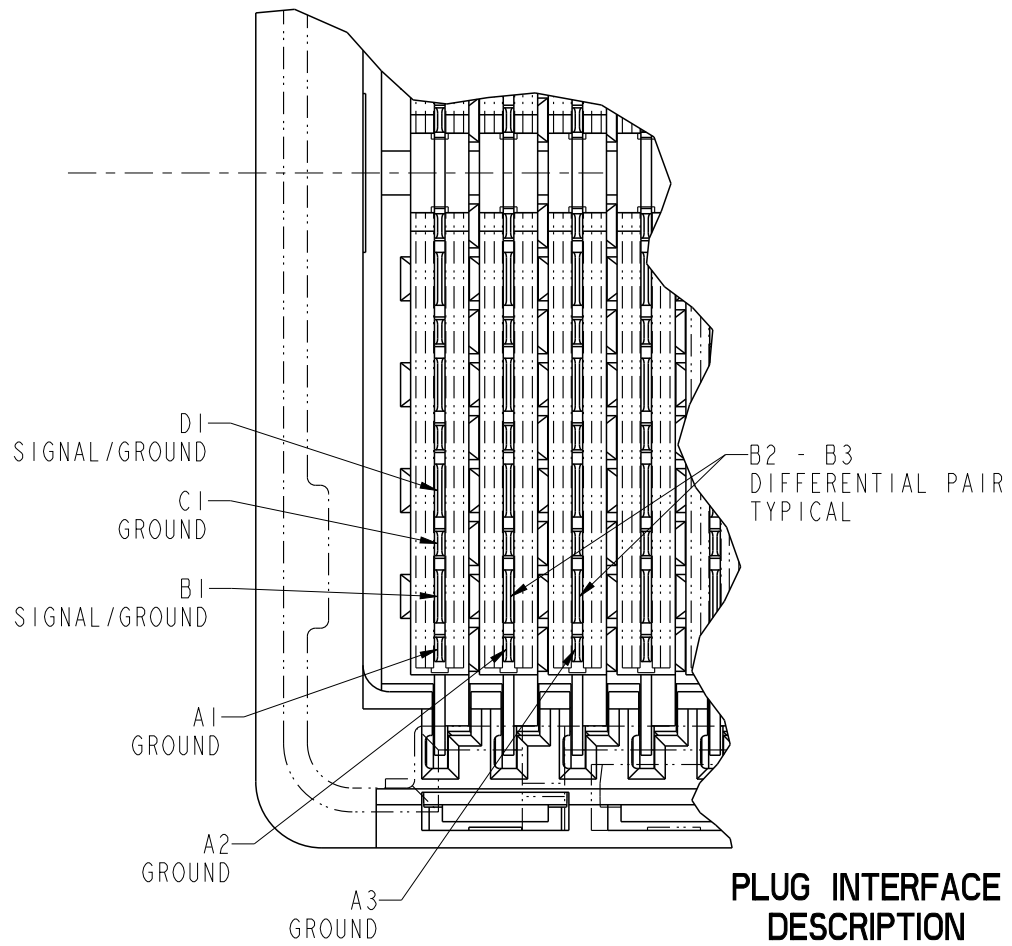


spec ref -				dr Bill Lin		2010/02/02		projection		mm		size A4		scale 11:10							
tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo		2011/06/02						ecn no ELX-DG-003943-1							
						chr Alex Cao		2011/06/24						rel level Released							
						appr Pei-Ming Zheng		2011/06/27						product family GIG-Array							
surface ✓ -		linear		0.X ±0.30		0.XX ±0.10		0.XXX ±0.05				title GIG-Array 15mm PLUG ASSY. 296 SIG. POS.		dwg no 55700		rev H					
																		angular		0° ±2°	
																		www.fci.com		cat. no.	

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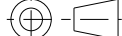


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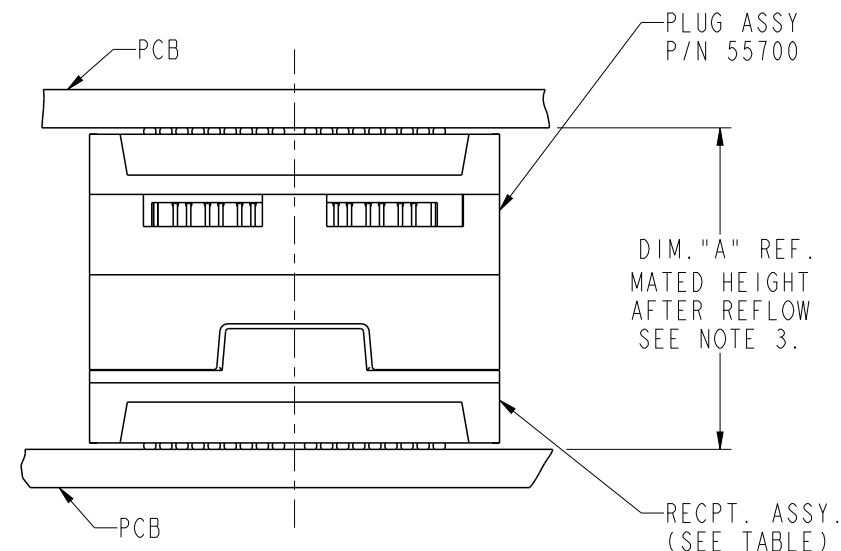
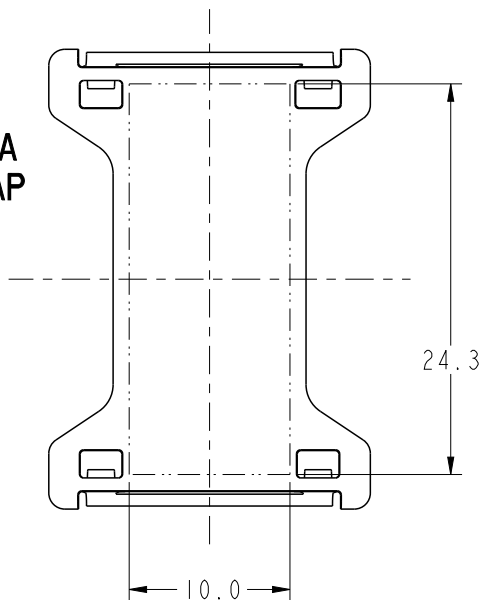
PLUG INTERFACE
DESCRIPTION

SCALE 7:1

spec ref -				dr Bill Lin 2010/02/02		projection 	mm 	size A4	scale 37:5
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Nickor Zuo 2011/06/02				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 15mm PLUG ASSY. 296 SIG. POS.			dwg no 55700	rev H
		0.XX	±0.10						
		0.XXX	±0.05						
	angular	0°	±2°		www.fci.com	cat. no.		Product - Customer Drw	

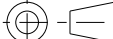
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FLAT AREA
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
20	55701
30	55733

spec ref -				dr	Bill Lin	2010/02/02	projection  mm 	size	A4	scale	11:10	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/02		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 15mm PLUG ASSY. 296 SIG. POS.		dwg no	55700		rev	H
		0.XX	±0.10									
		0.XXX	±0.05									
		angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw			sheet 4 of 5	

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
55700-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
55700-001LF	LEADFREE	
55700-201	STANDARD (EUTECTIC)	
55700-201LF	LEADFREE	

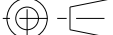
Au over Ni

NOTES:

- ① MATERIAL:
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.

NOTES CONTINUED

- 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 WITH 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	11:10	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/02		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
surface ✓ -	linear	0.X	±0.30		title	GIG-Array 15mm PLUG ASSY. 296 SIG. POS.		dwg no	55700		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		

PrintE File - REV C - 2009-06-09