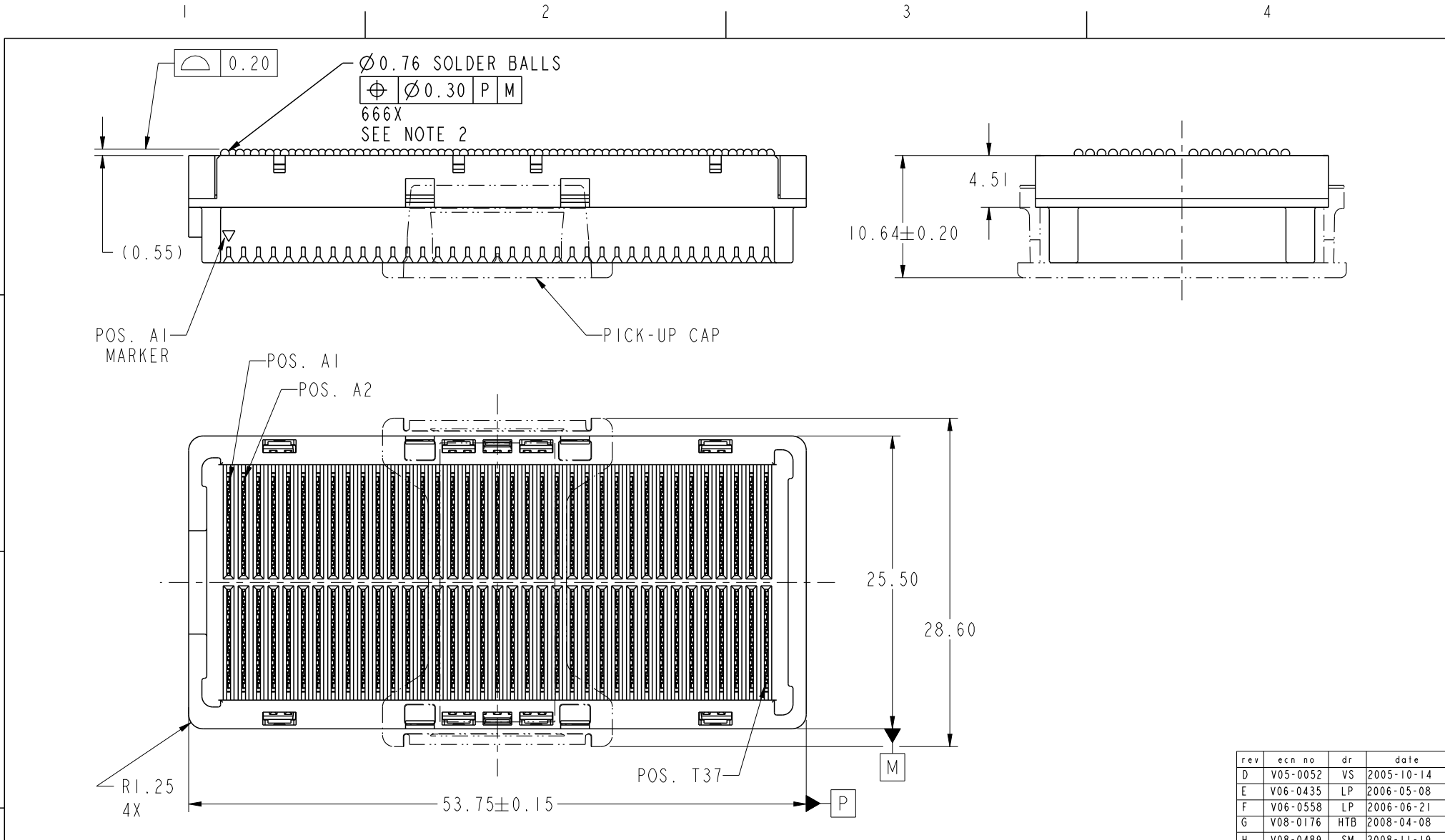




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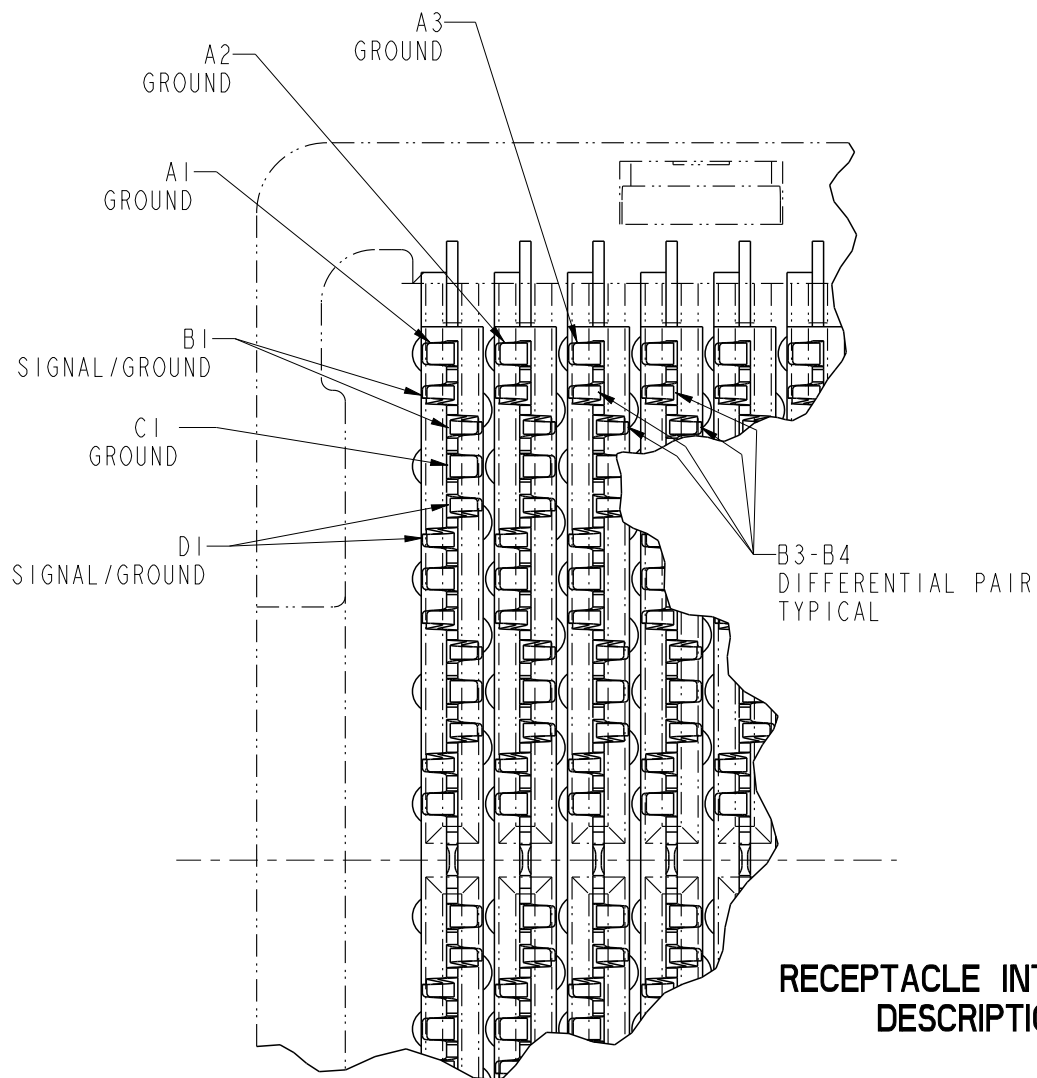


spec ref		*		dr		Bill Lin	2010/02/02		projection				mm		size		A4	scale		1:1																			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/08						ecn no		ELX-DG-003943-1																								
ASME Y14.5				chr		Alex Cao	2011/06/24						rel level		Released																								
-				appr		Pei-Ming Zheng	2011/06/27								product family		GIG-Array																						
surface				linear		0.X		±0.30				title		GIG-Array		dwg no		55701		rev		J																	
-		angular		0°		±2°		www.fci.com		cat. no.		*		Product - Customer Drw		sheet 1 of 5																							

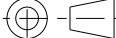


D

Pro/E File - REV C - 2009-06-09

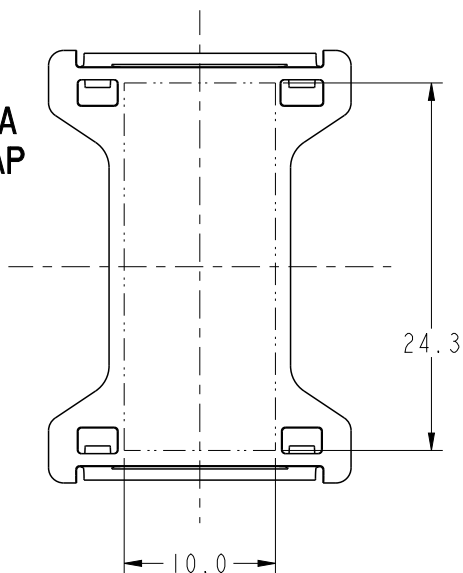


RECEPTACLE INTERFACE DESCRIPTION

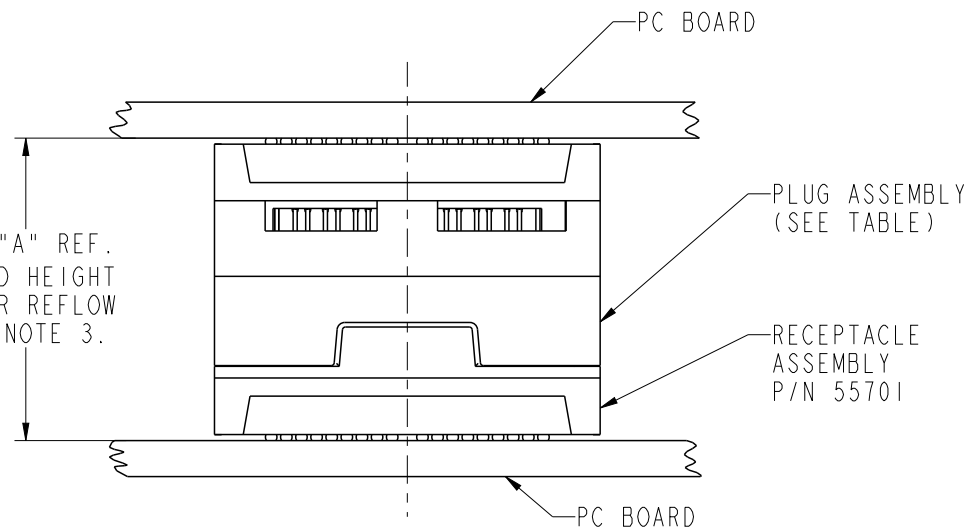
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/08			ecn no	ELX-DG-003943-1			
				chr	Alex Cao	2011/06/24							
ASME Y14.5				appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array		rel level		Released
surface	✓	linear	0.X	±0.30		title	GIG-Array		dwg no	55701		rev	J
			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
PICK-UP CAP**
SCALE 2:1

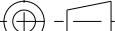


DIM "A" REF.
MATED HEIGHT
AFTER REFLOW
SEE NOTE 3.



END VIEW OF MATED CONNECTORS
SCALE 2:1

DIM. "A"	PLUG ASSEMBLY P/N
15	55720
17	10026804
18	10008026
20	55700
25	55727
30	10054784

spec ref *				dr Bill Lin2010/02/02		projection 	mm 	sizeA4	scale1:1
tolerance std ASME Y14.5 -TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo2011/06/08				ecn noELX-DG-003943-1	
				chr Alex Cao2011/06/24				rel levelReleased	
				appr Pei-Ming Zheng2011/06/27					
surface  -	linear	0.X	±0.30		titleGIG-Array 5mm RECP. ASSY. 296 SIG. POS.			dwg no55701	revJ
		0.XX	±0.10						
		0.XXX	±0.05						
		angular	0°	±2°	www.fci.com	cat. no.*		Product - Customer Drw	

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PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
55701-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
55701-001LF	LEADFREE	
55701-201	STANDARD (EUTECTIC)	
55701-201LF	LEADFREE	

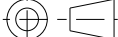
Au over Ni

NOTES:

- MATERIAL:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): SEE TABLE.
UL RATING: 94 V-0
SOLDER BALL: (SEE TABLE) EUTECTIC
SnPb OR LEADFREE 95.5 Sn/4Ag/0.5Cu
- SOLDER BALLS WILL NOT BE PERFECT
SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- MATED HEIGHT EFFECTED BY CUSTOMERS'
PCB PAD SIZE, PLATING, SOLDER REFLOW
PROFILE & SOLDER PASTE.
- 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])
- CONTACTS IN ROWS B,D,F,H,L,N,Q AND S
ARE DUAL BEAM CONTACTS,
TYPICALLY USED AS SIGNAL PINS.

NOTES CONTINUED

- 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.
- 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.
- 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 EACHPART 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		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/08					ecn no		ELX-DG-003943-1							
ASME Y14.5				chr		Alex Cao	2011/06/24					product family		GIG-Array		rel level		Released			
-				appr		Pei-Ming Zheng	2011/06/27														
surface				linear				title		GIG-Array		dwg no		55701		rev		J			