

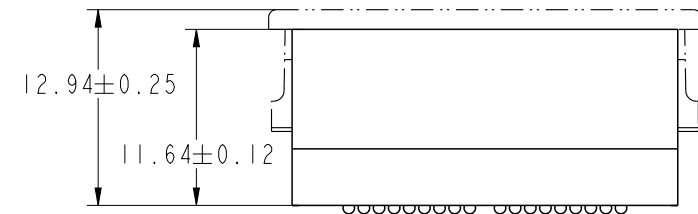
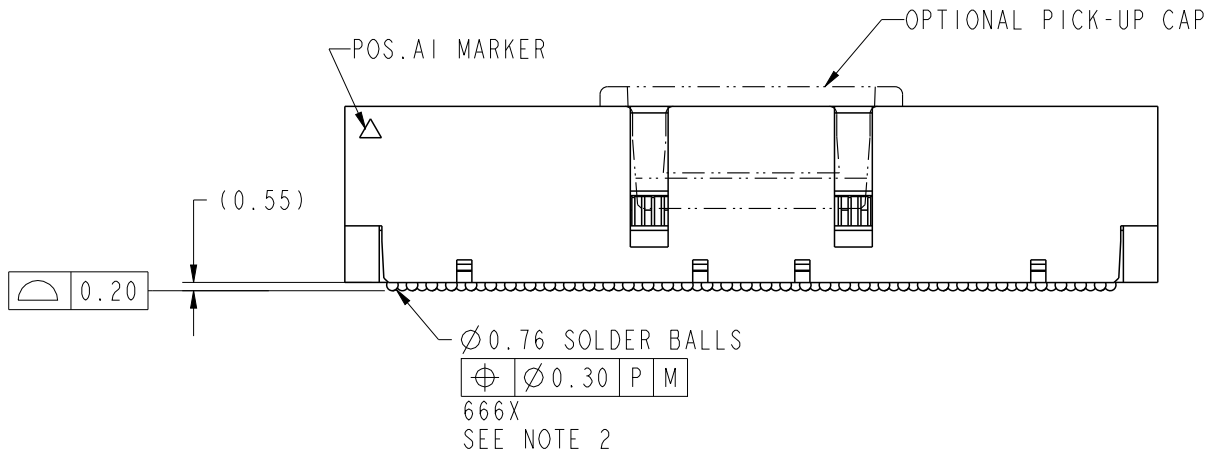
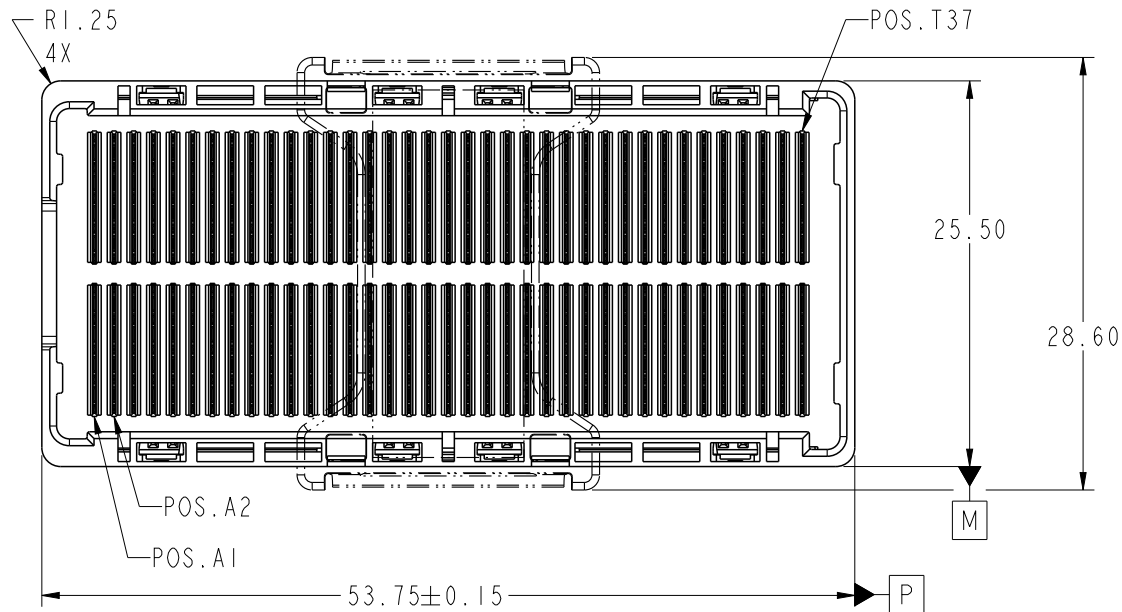
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A	V06-1178	LP	2006-12-12
B	V07-0440	LP	2007-07-05
C	V08-0198	LP	2008-04-28
D	V09-0071	PK	2009-02-24
-	-	-	-

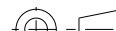
A

B

C

D



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		title GIG-Array 10mm PLUG ASSY. 296 SIG. POS.				dwg no	10026804		rev E
		0.XX	±0.10									
		0.XXX	±0.05									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 1 of 5	

Print File - REV C - 2009-06-09

2

3

PDS: Rev :E

STATUS:Released

Printed: Jun 27, 2011

A

B

C

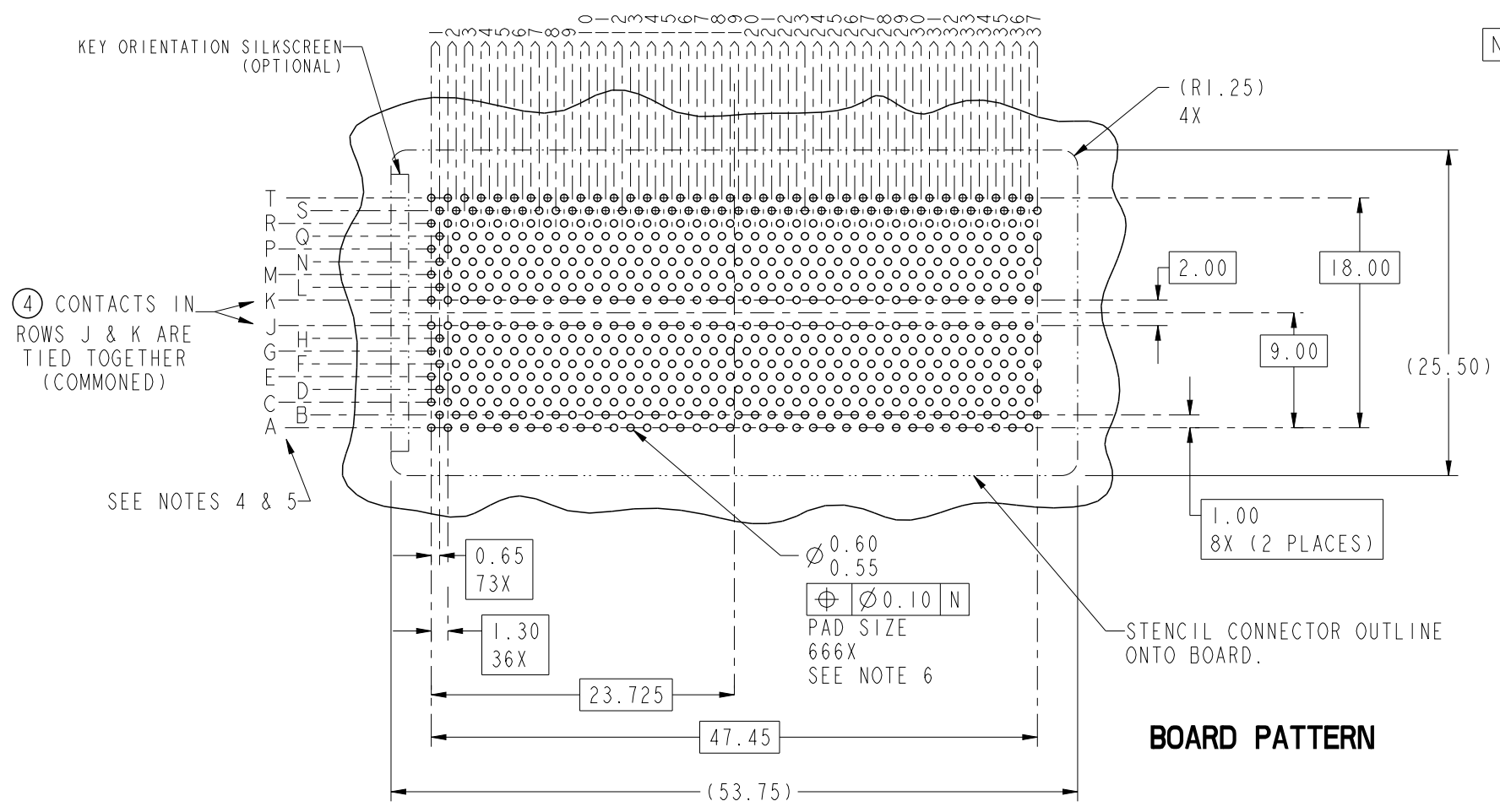
D

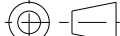


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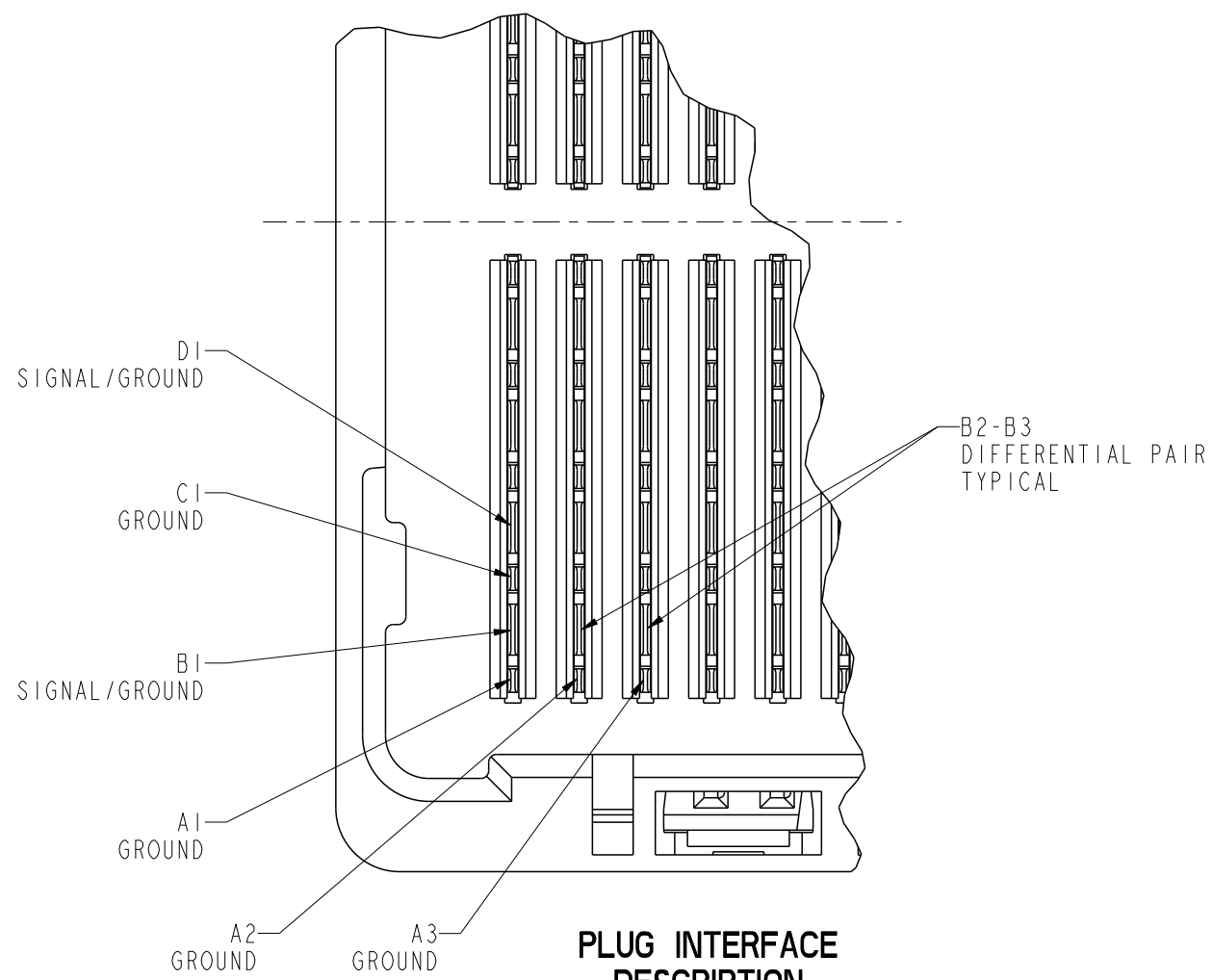


spec ref -				dr Bill Lin2010/02/02		projection 		mm 		size A4		scale 1:1			
tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo2011/05/26		ecn no ELX-DG-003943-1							
						chr Alex Cao2011/06/24									
						appr Pei-Ming Zheng2011/06/27		product family GIG-Array				rel level Released			
surface 3.2 ASME Y14.5		linear		0.X ±0.30 0.XX ±0.10 0.XXX ±0.05				title GIG-Array 10mm PLUG ASSY. 296 SIG. POS.				dwg no 10026804		rev E	
ASME Y14.5		angular		0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 2 of 5	

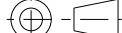
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PLUG INTERFACE
DESCRIPTION

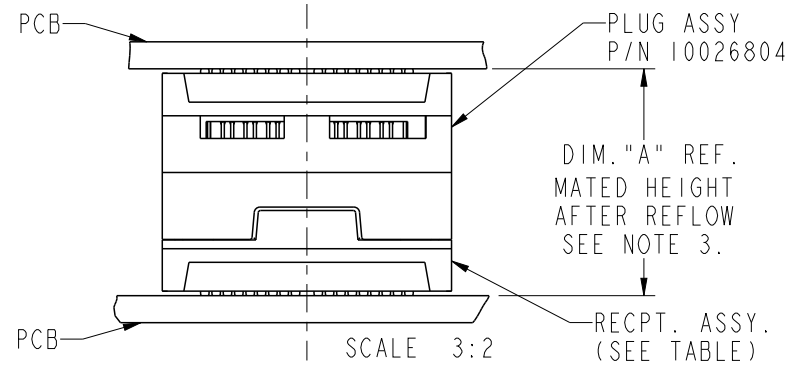
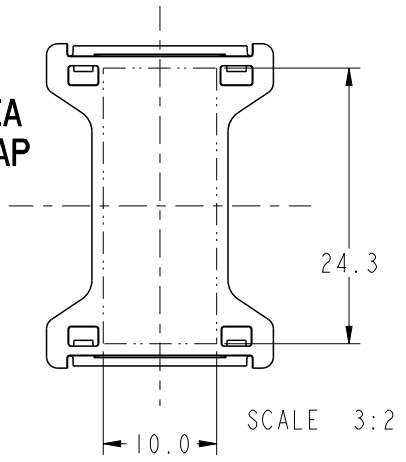
spec ref -				dr Bill Lin		2010/02/02		projection		mm		size A4		scale 1:1					
tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo		2011/05/26						ecn no ELX-DG-003943-1					
						chr Alex Cao		2011/06/24						rel level Released					
						appr Pei-Ming Zheng		2011/06/27											
surface 3.2 ASME Y14.5		linear		0.X ±0.30		0.XX ±0.10		0.XXX ±0.05				title GIG-Array 10mm PLUG ASSY. 296 SIG. POS.				dwg no 10026804		rev E	
ASME Y14.5		angular		0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 3 of 5					

ProjE File - REV C - 2009-06-09



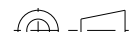
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FLAT AREA
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
17	55701
22	10032376
27	55733

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			rel level Released			
				appr	Pei-Ming Zheng	2011/06/27						
surface  ASME Y14.5	linear	0.X	±0.30		title GIG-Array 10mm PLUG ASSY. 296 SIG. POS.				dwg no	10026804		rev E
		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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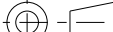
PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10026804-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10026804-001LF	LEADFREE	

NOTES:

- ① MAT'L:
HOUSING: LCP
CONTACT: COPPER ALLOY
PLATING (CONTACT): Au OVER Ni.
UL RATING: 94 V-0
- 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 THE 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	2011/05/26			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  ASME Y14.5	linear	0.X	±0.30		title	GIG-Array 10mm PLUG ASSY. 296 SIG. POS.			dwg no	10026804		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	

Mouser Electronics

Authorized Distributor

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