

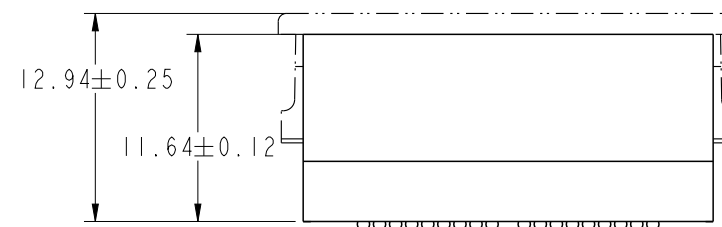
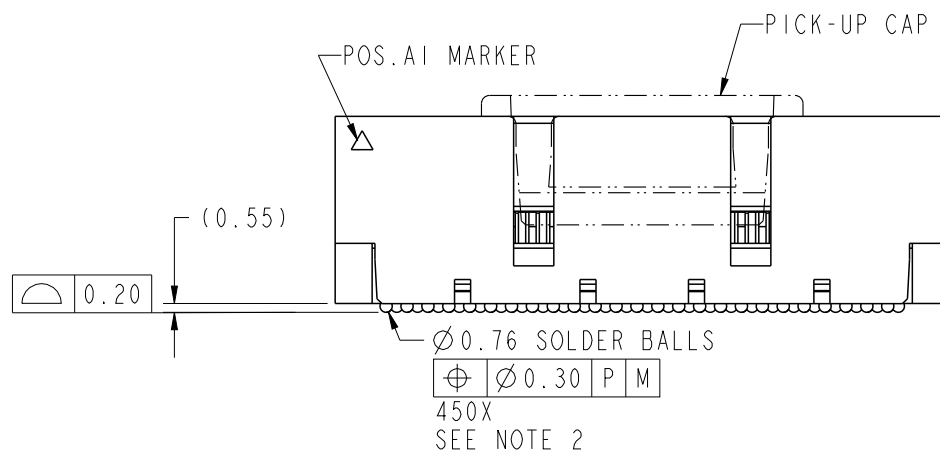
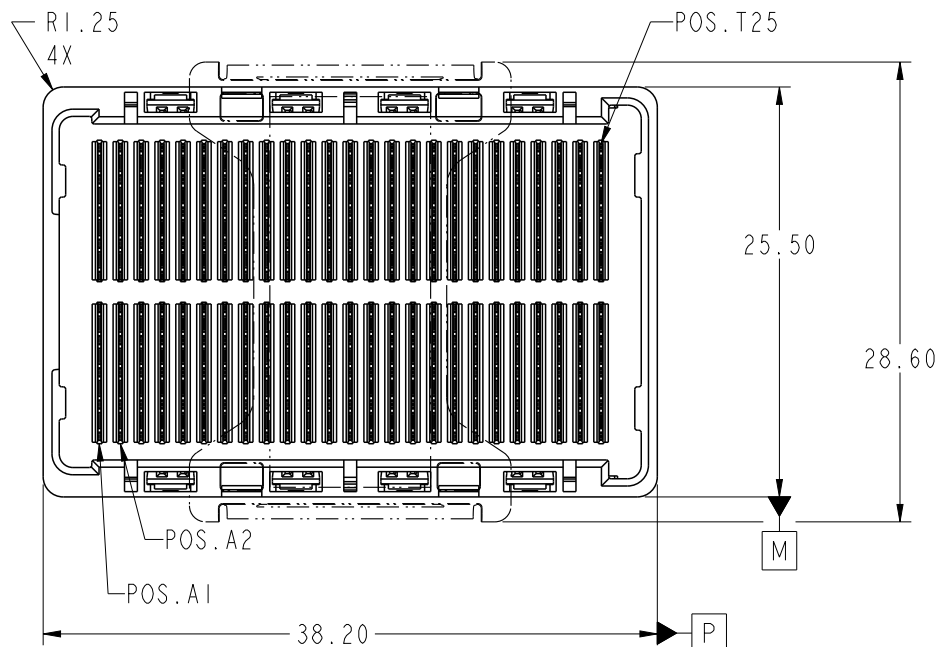
rev	ecn no	dr	date
A	V06-1178	LP	2006-12-12
B	V07-0440	LP	2007-07-05
C	V09-0071	PK	2009-02-24

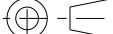


A

B

C

D



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 ✓ -	linear	0.X	±0.30		title GIG-Array 12mm PLUG ASSY. 200 SIG. POS.			dwg no 10026802	rev D
		0.XX	±0.10						
		0.XXX	±0.05						
		angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw	

ProjE File - REV C - 2009-06-09

2

3

PDS: Rev :D

STATUS:Released

Printed: Jun 27, 2011

A

B

C

D

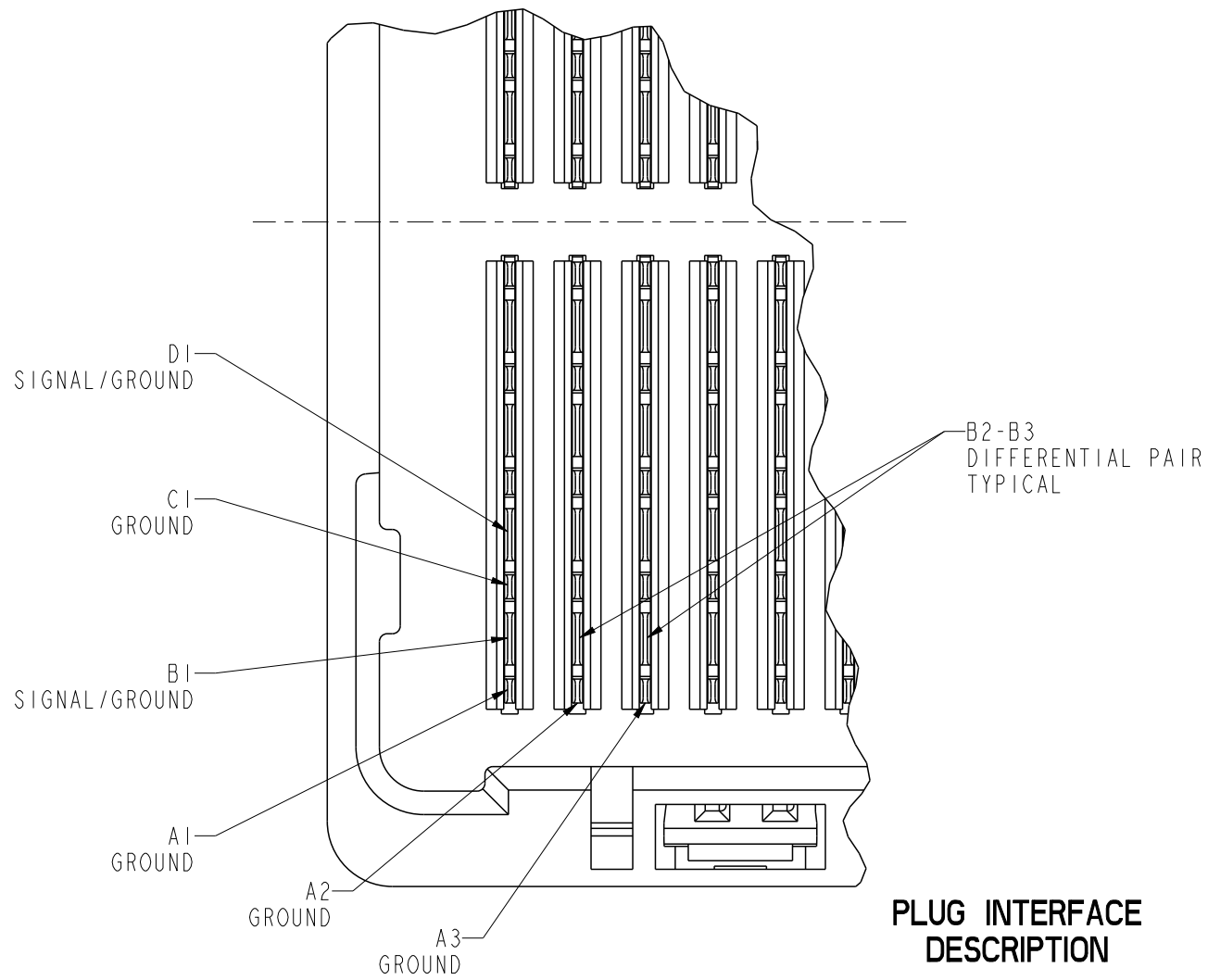


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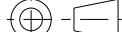







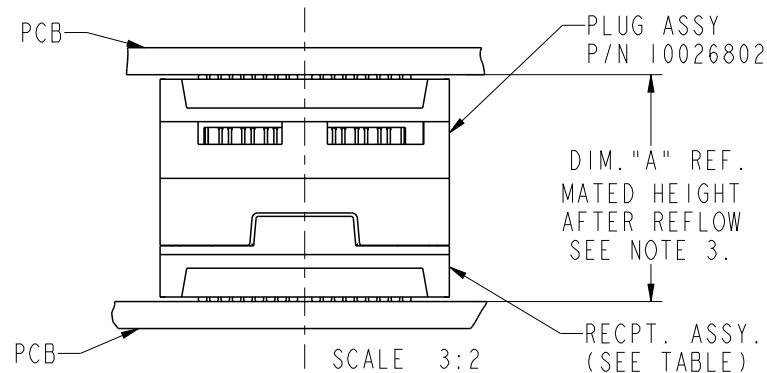
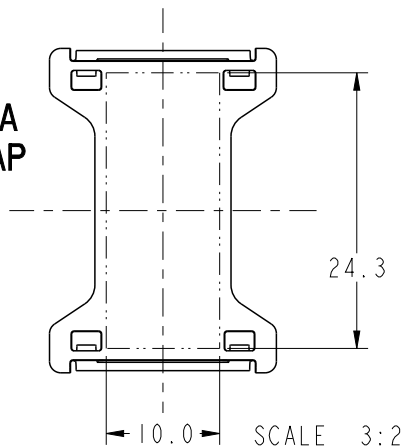
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PLUG INTERFACE DESCRIPTION

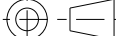


spec ref -				dr <a href="#">Bill Lin</a> 2010/02/02		projection 	 mm	size A4	scale 1:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng <a href="#">Nickor Zuo</a> 2011/05/26				ecn no <a href="#">ELX-DG-003943-1</a>	
				chr <a href="#">Alex Cao</a> 2011/06/24				rel level <b>Released</b>	
				appr <a href="#">Pei-Ming Zheng</a> 2011/06/27					
surface 		linear	0.X	±0.30		title GIG-Array 12mm PLUG ASSY. 200 SIG. POS.	dwg no 10026802	rev <b>D</b>	
			0.XX	±0.10					
			0.XXX	±0.05					
		-	angular	0°	±2°	<a href="#">www.fci.com</a>	cat. no.	Product - Customer Drw	

FLAT AREA  
PICK-UP CAP



END VIEW OF MATED CONNECTORS

DIM. "A"	RECPT. ASSY. P/N
17	55740
22	10026010
27	55741

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 12mm PLUG ASSY. 200 SIG. POS.			dwg no	10026802		rev	D
		0.XX	±0.10										
		0.XXX	±0.05										
				www.fci.com		cat. no.	Product - Customer Drw				sheet 4 of 5		

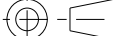


PRODUCT NUMBER	SOLDER BALL COMPOSITION	CONTACT PLATING PERFORMANCE LEVEL
10026802-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE
10026802-001LF	LEADFREE	

# NOTES:

- MAT'L:  
HOUSING: LCP  
CONTACT: COPPER ALLOY  
PLATING (CONTACT): Au OVER Ni.  
UL RATING: 94 V-0
- 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 THES 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
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surface ✓ -	linear	0.X	±0.30		title GIG-Array 12mm PLUG ASSY. 200 SIG. POS.			dwg no	10026802			rev D
		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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