

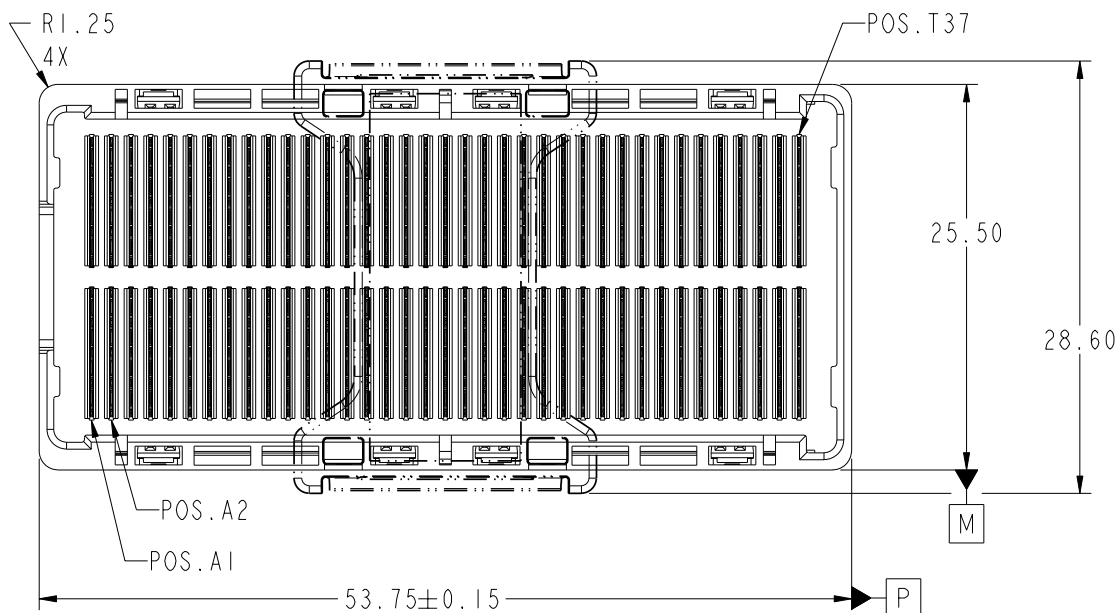


This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

1 | 2

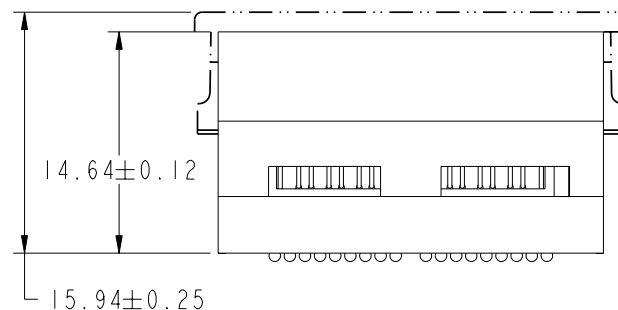
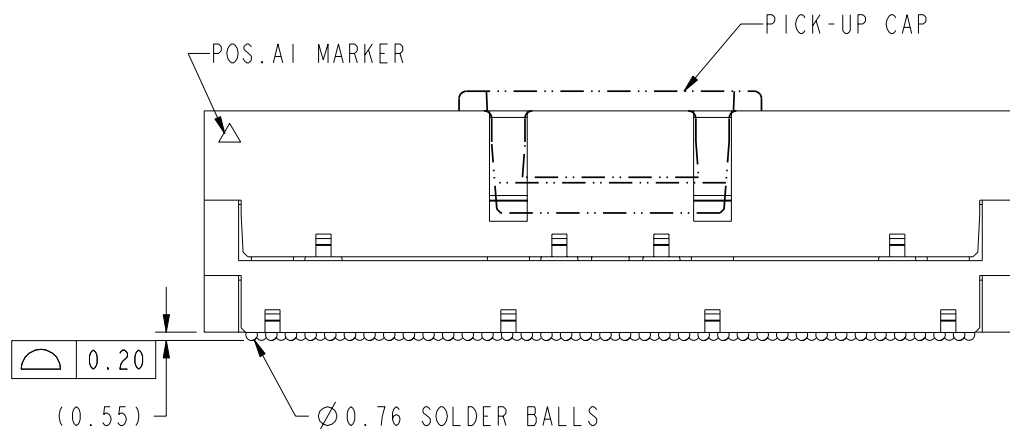
3 |

4



A

A



B

B

1 | 2

3 |

4

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY					title							
A	V20428	LRJ	2002-03-11		0.XX ±0.10				projection					GIG-Array							
B	V03-0427	TAB	2003-14-15		0.XXX ±0.050				15mm PLUG ASSY. 296 SIG. POS.												
C	V03-0663	TAB	2003-06-12	angles	0° ±2°								product family				GIG-Array				code
D	V05-0052	VS	2005-10-14	dr	D. WAUGHEN 2001-03-06				scale				size		dwg no		213		sheet 1 of 4		
E	V06-0558	LP	2006-06-12	enrg	D. JOHNESCU 2001-01-09				1:1				A		55700						
F	V07-0438	LP	2007-07-02	chr	D. INGRAM 2001-05-04																
G	V08-0329	SM	2008-11-14	appd	D. JOHNESCU 2001-05-04																
sheet index		revision sheet		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G			
				1	2	3	4														

Pro/E

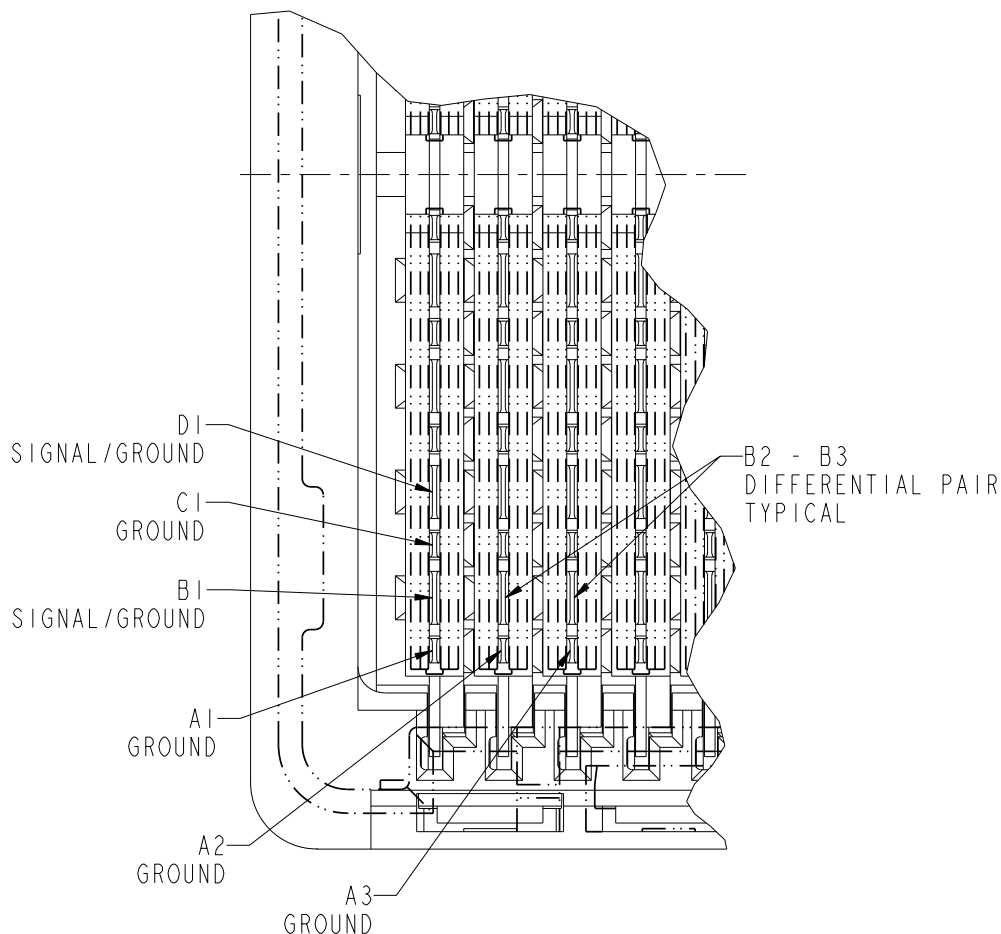
PDM: Rev:G

STATUS: Released

Printed: Jan 09, 2009



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

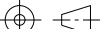


PLUG INTERFACE DESCRIPTION

SCALE 7:1

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.

mat'l code				SEE NOTE 1				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0. X $\pm$ 0.3				COPY								title GIG-Array 15mm PLUG ASSY. 296 SIG. POS.				
G	-	-	-		0. XX $\pm$ 0.10				projection												
					0. XXX $\pm$ 0.050																
				angles	0° $\pm$ 2°				 scale 7:1				product family GIG-Array				code 213 sheet 3				
				dr	D. WAUGHEN	2001-03-06															
				engr	D. JOHNECU	2001-01-09															
				chr	D. INGRAM	2001-05-04															
				appd	D. JOHNECU	2001-05-04															
sheet index		revision sheet																			

Pro/E

PDM: Rev:G

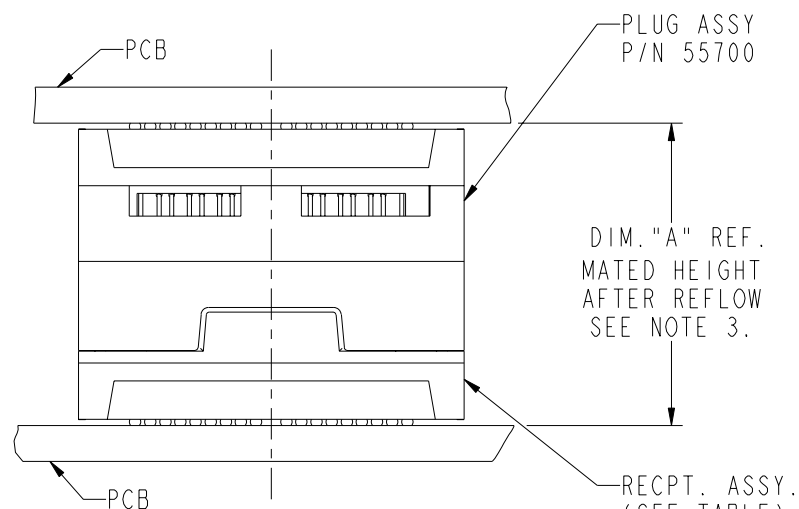
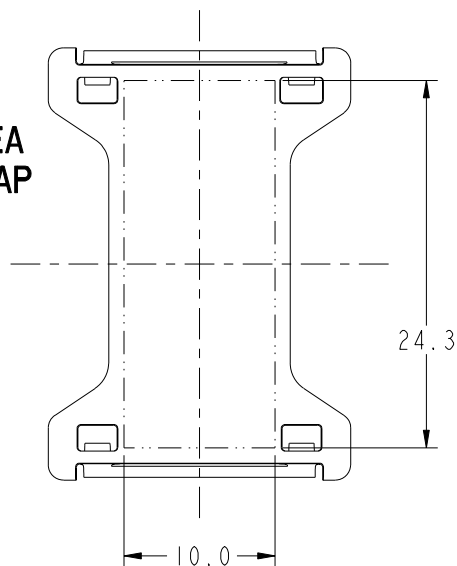
STATUS: Released

Printed: Jan 09, 2009



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

FLAT AREA
PICK-UP CAP



END VIEW OF MATED CONNECTORS

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

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.

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date	linear			0.X ±0.3	projection	COPY	www.fciconnect.com			
G	-	-	-				0.XX ±0.10			title			
							0.XXX ±0.050			GIG-Array			
				angles			0° ±2°	MM	scale	15mm PLUG ASSY. 296 SIG. POS.			
				dr	D. WAUGHEN	2001-03-06				product family			
				enrg	D. JOHNECU	2001-01-09				GIG-Array			
				chr	D. INGRAM	2001-05-04		1:1	A	size			
				appd	D. JOHNECU	2001-05-04				dwg no			
sheet index		revision sheet								55700			
										code			
										213			
										sheet			
										4			

Pro/E

PDM: Rev:G

STATUS: Released

Printed: Jan 09, 2009