

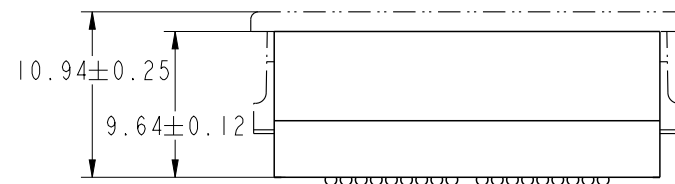
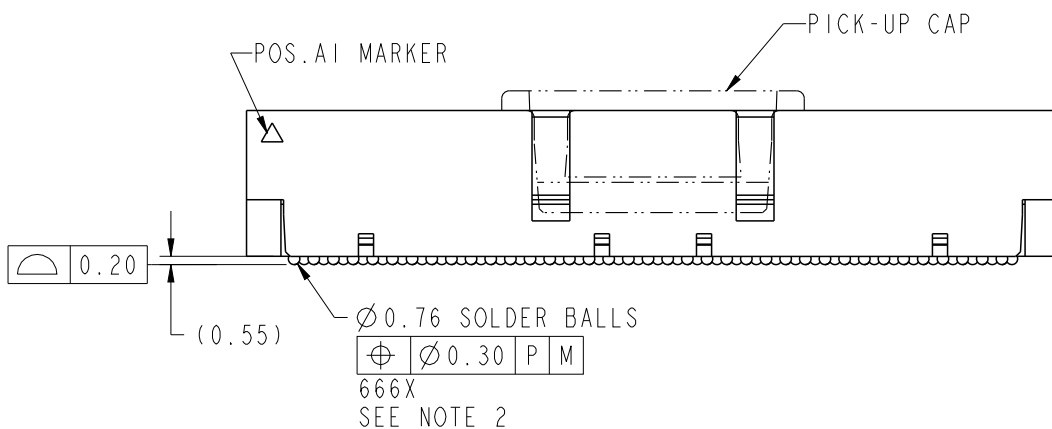
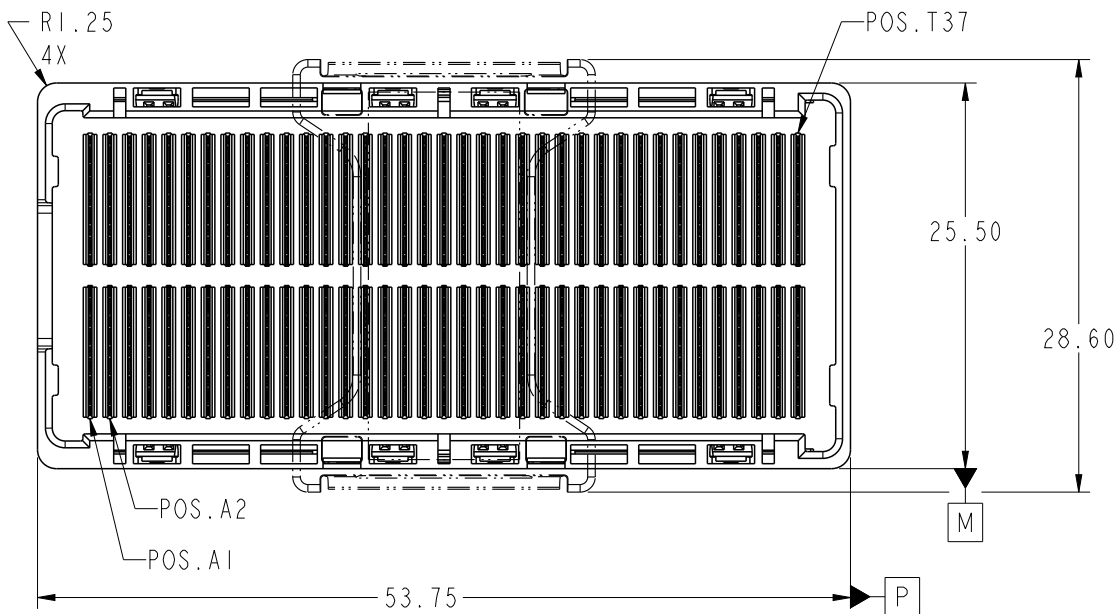
rev	ecn no	dr	date
C	V03-0663	TAB	2003-06-12
D	V06-0052	VS	2005-10-14
E	V06-0558	LP	2006-06-12
F	V07-0440	LP	2007-07-05
G	V08-0198	HTB	2008-04-28

A

B

A

B



spec ref		-		dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	1:1
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			ecn no	ELX-DG-003943-1		
				chr	Alex Cao	2011/06/24						
							appr	Pei-Ming Zheng	2011/06/27	product family		GIG-Array
surface 3.2 	linear	0.X	±0.30		title	GIG-Array 10mm PLUG ASSY. 296 SIG. POS.	dwg no	55720			rev	J
		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		

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2

3

PDS: Rev :J

STATUS:Released

Printed: Jun 27, 2011



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D

D



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D

KEY ORIENTATION SILKSCREEN
(OPTIONAL)

④ CONTACTS IN
ROWS J & K ARE
TIED TOGETHER
(COMMONED)

SEE NOTES 4 & 5

T
R
P
M
K
J
G
E
C
A

S
Q
N
L
H
F
D
B

0-234567890-234567890-234567890-234567890

(R1.25)
4X

2.00

18.00

9.00

(25.50)

1.00
8X (2 PLACES)

0.65
73X

1.30
36X

23.725

47.45

(53.75)

Ø 0.60
Ø 0.55

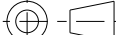
Ø 0.10 N

PAD SIZE
666X
SEE NOTE 6

STENCIL CONNECTOR OUTLINE
ONTO BOARD.

BOARD PATTERN

N

spec ref -				dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	1:1
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			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 3.2 	linear	0.X	±0.30		title + GIG-Array 10mm PLUG ASSY. 296 SIG. POS.			dwg no	55720		rev J	
		0.XX	±0.10									
		0.XXX	±0.05									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 2 of 5	

Print File - REV C - 2009-06-09

2

3

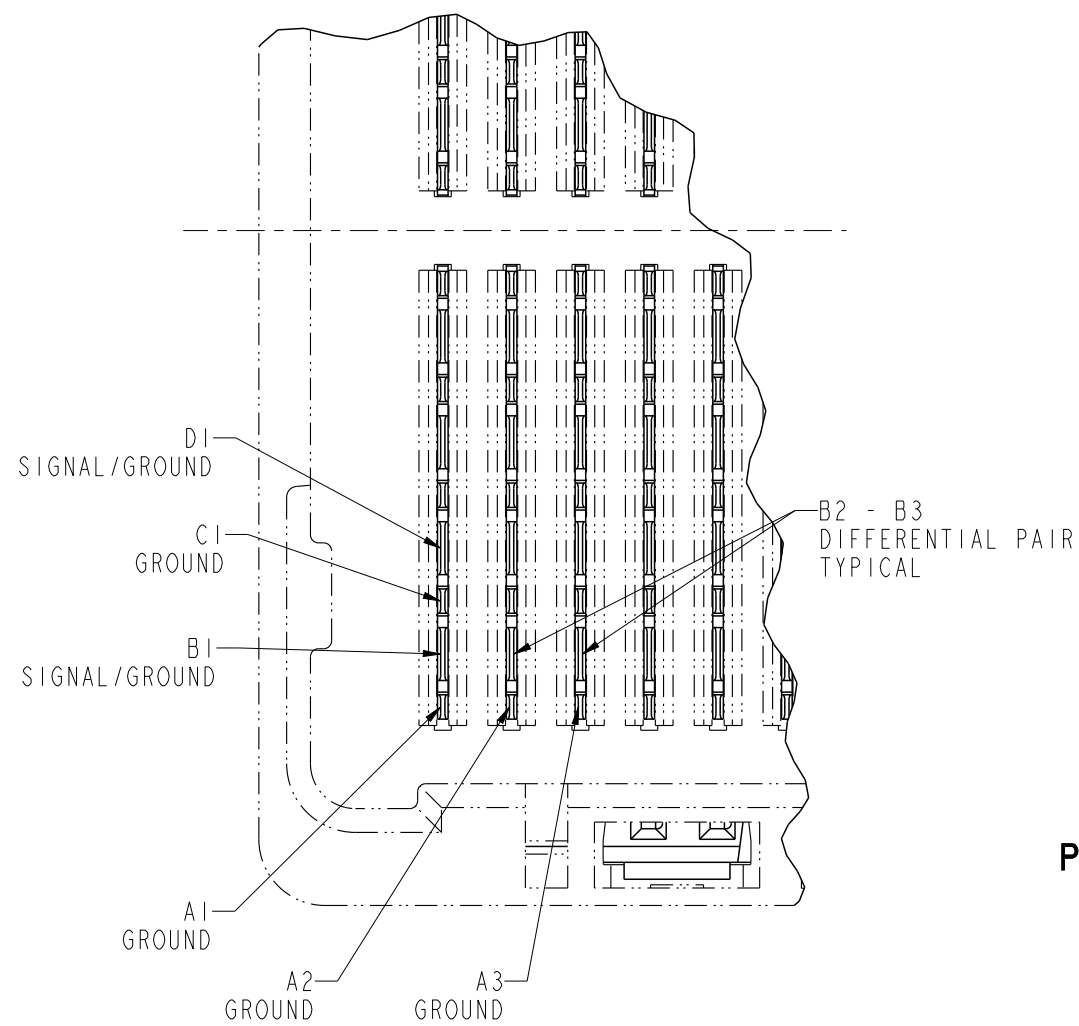
PDS: Rev :J

STATUS:Released

Printed: Jun 27, 2011



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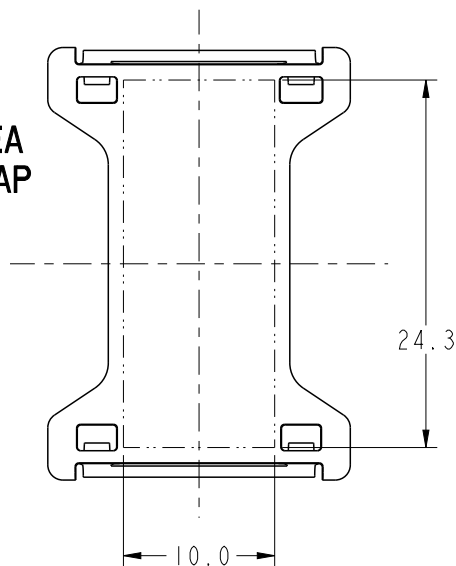


PLUG INTERFACE DESCRIPTION

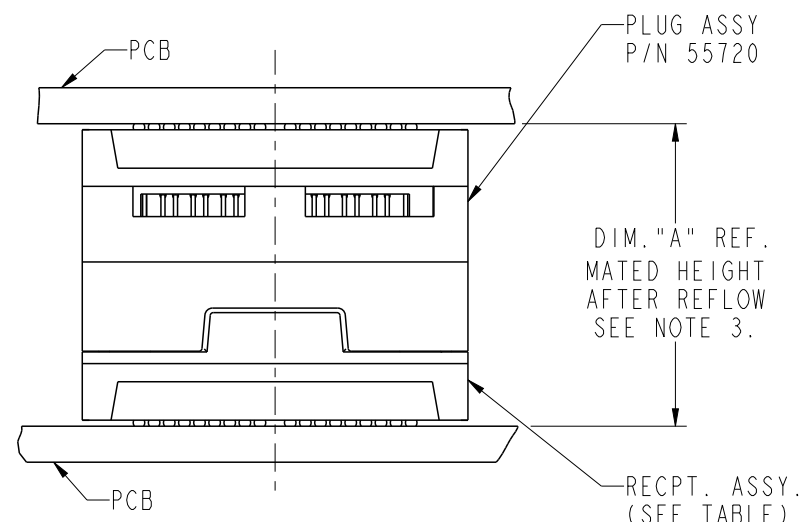
spec ref -				dr Bill Lin 2010/02/02		projection	mm	size A4	scale 1:1		
tolerance std - TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Nickor Zuo 2011/06/09				ecn no ELX-DG-003943-1			
				chr Alex Cao 2011/06/24				rel level Released			
				appr Pei-Ming Zheng 2011/06/27							
surface 3.2 ASME Y14.5		linear	0.X 0.XX 0.XXX	±0.30 ±0.10 ±0.05		title GIG-Array 10mm PLUG ASSY. 296 SIG. POS.		dwg no 55720	rev J		
angular		0°	±2°								
www.fci.com					cat. no. -		Product - Customer Drw			sheet 3 of 5	

Print File - REV C - 2009-06-09

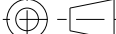
FLAT AREA PICK-UP CAP



END VIEW OF MATED CONNECTORS



DIM. "A"	RECPT. ASSY. P/N
15	55701
25	55733

spec ref -				dr	Bill Lin	2010/02/02	projection 	mm 	size	A4	scale	1:1	
tolerance std - -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Nickor Zuo	2011/06/09			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 3.2 ✓ ASME Y14.5	linear	0.X	±0.30		title	GIG-Array 10mm PLUG ASSY. 296 SIG. POS.			dwg no	55720		rev	J
		0.XX	±0.10										
		0.XXX	±0.05										
	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
55720-001	STANDARD (EUTECTIC)	PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE Au over Ni
55720-001LF	LEADFREE	
55720-201	STANDARD (EUTECTIC)	
55720-201LF	LEADFREE	

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	1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Nickor Zuo	2011/06/09			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		title	GIG-Array				dwg no	55720	rev	J
				0.XX	±0.10										
				0.XXX	±0.05										
ASME Y14.5		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 5 of 5			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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