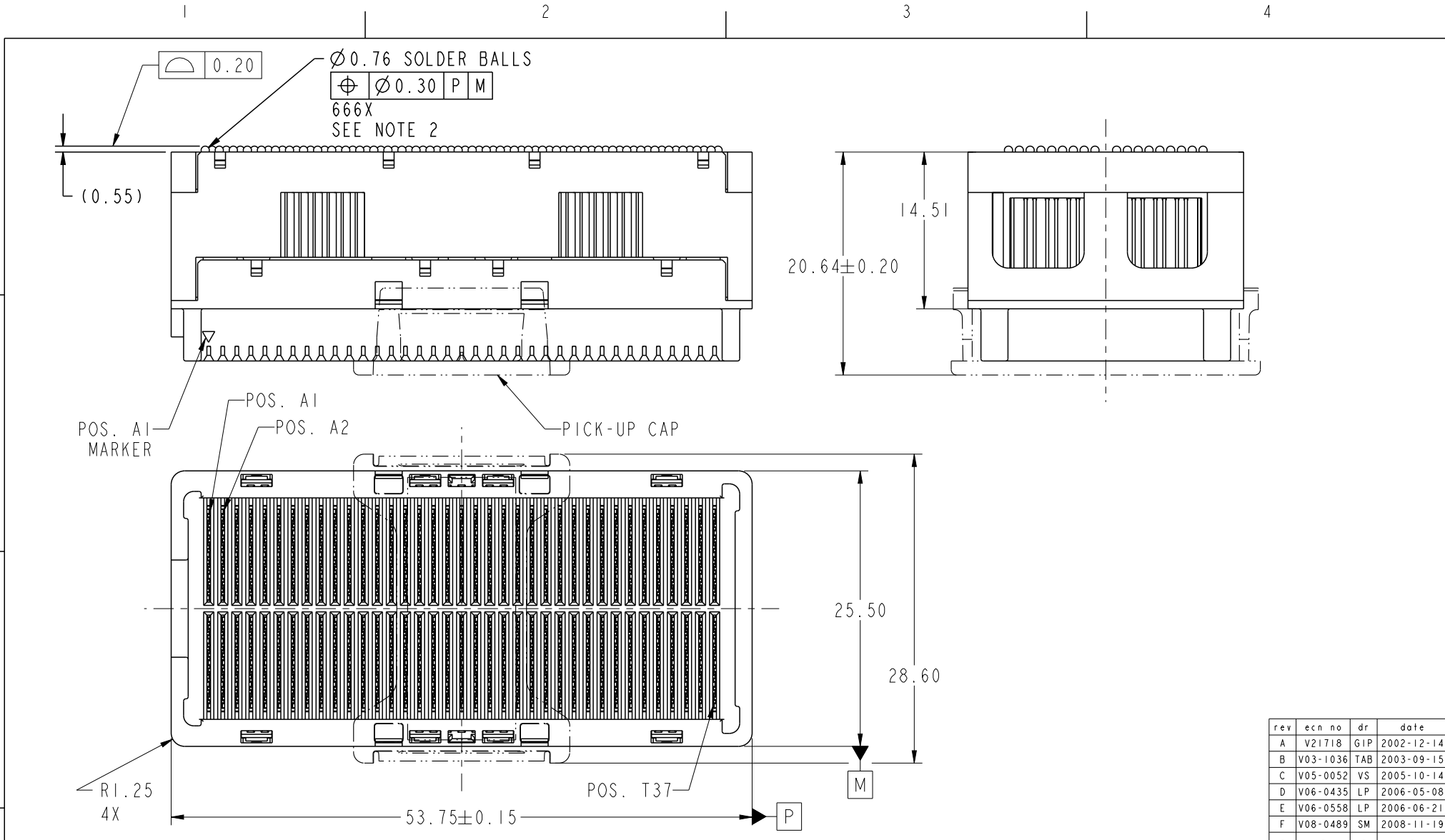
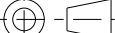




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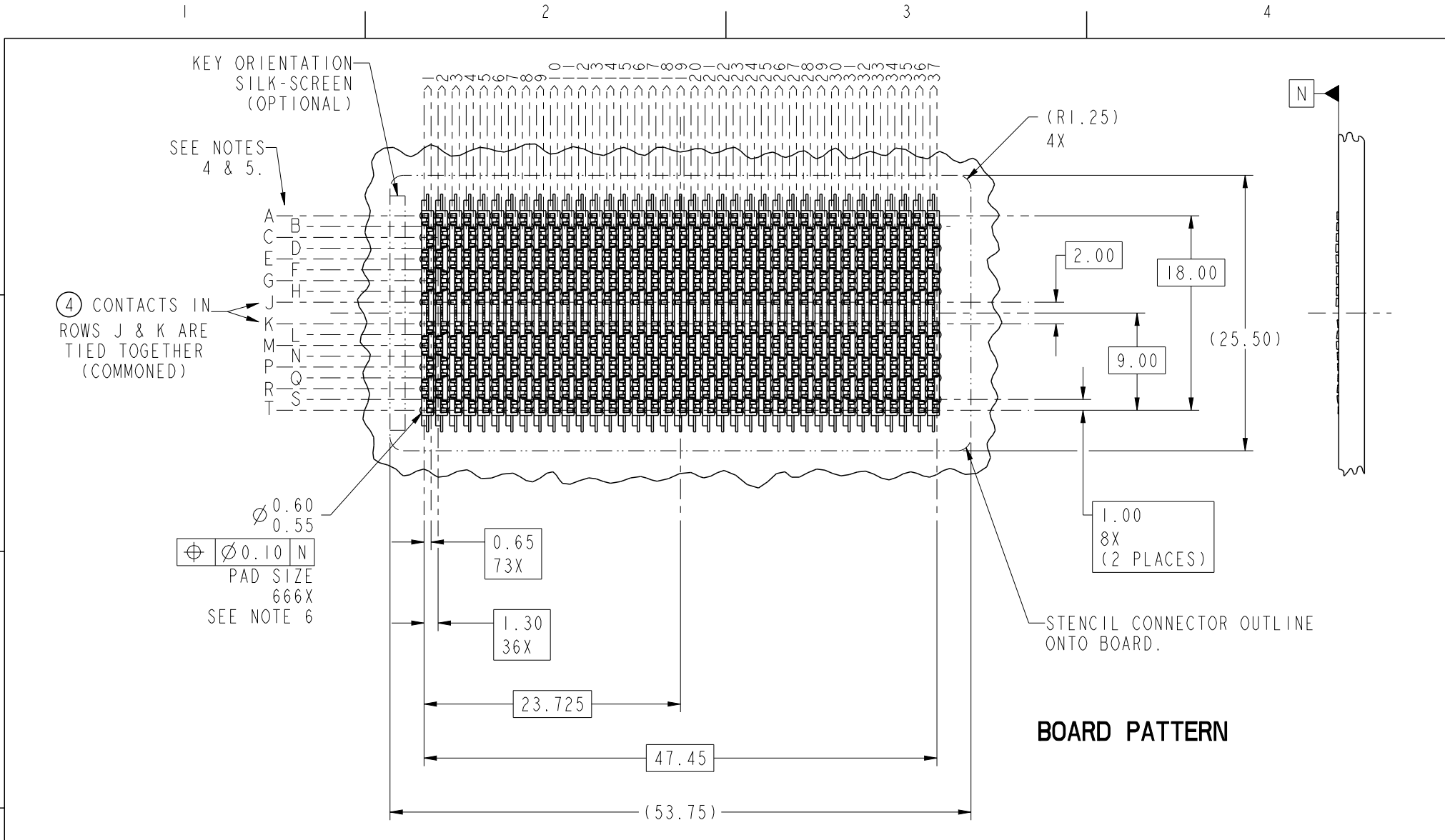
| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| A   | V21718   | GIP | 2002-12-14 |
| B   | V03-1036 | TAB | 2003-09-15 |
| C   | V05-0052 | VS  | 2005-10-14 |
| D   | V06-0435 | LP  | 2006-05-08 |
| E   | V06-0558 | LP  | 2006-06-21 |
| F   | V08-0489 | SM  | 2008-11-19 |
| -   | -        | -   | -          |

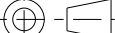
|                                                                                                    |                                       |       |       |                                                                                     |                                                   |                                                                                                     |                                                                                          |                                        |              |
|----------------------------------------------------------------------------------------------------|---------------------------------------|-------|-------|-------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------|--------------|
| spec ref -                                                                                         |                                       |       |       | dr <a href="#">Bill Lin</a> 2010/02/02                                              |                                                   | projection<br> |  mm | size A4                                | scale 1:1    |
| tolerance std<br>-<br>-                                                                            | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng <a href="#">Nickor Zuo</a> 2011/06/09                                           |                                                   |                                                                                                     |                                                                                          | ecn no <a href="#">ELX-DG-003943-1</a> |              |
|                                                                                                    |                                       |       |       | chr <a href="#">Alex Cao</a> 2011/06/24                                             |                                                   |                                                                                                     |                                                                                          |                                        |              |
|                                                                                                    |                                       |       |       | appr <a href="#">Pei-Ming Zheng</a> 2011/06/27                                      |                                                   |                                                                                                     |                                                                                          |                                        |              |
| product family GIG-Array                                                                           |                                       |       |       |                                                                                     |                                                   | rel level <b>Released</b>                                                                           |                                                                                          |                                        |              |
| surface 3.2<br> | linear                                | 0.X   | ±0.30 |  | title GIG-Array<br>15mm RECP. ASSY. 296 SIG. POS. |                                                                                                     |                                                                                          | dwg no 55733                           | rev <b>G</b> |
|                                                                                                    |                                       | 0.XX  | ±0.10 |                                                                                     |                                                   |                                                                                                     |                                                                                          |                                        |              |
|                                                                                                    |                                       | 0.XXX | ±0.05 |                                                                                     |                                                   |                                                                                                     |                                                                                          |                                        |              |
| ASME Y14.5                                                                                         | angular                               | 0°    | ±2°   | <a href="#">www.fci.com</a>                                                         | cat. no. -                                        |                                                                                                     | Product - Customer Drw                                                                   |                                        | sheet 1 of 5 |

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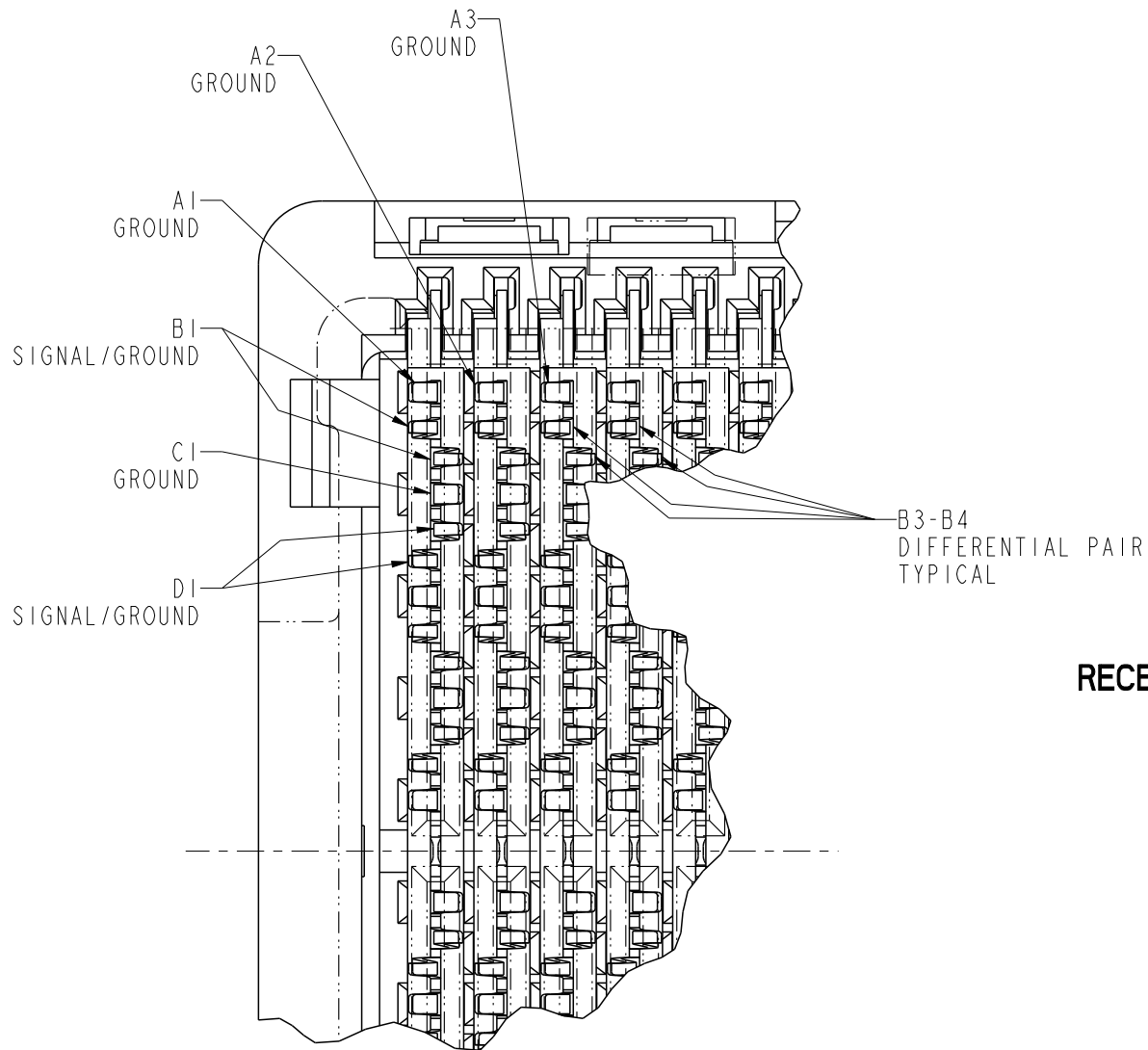


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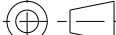


|               |  |                                       |  |                                                        |  |                                                                |  |                                                                                       |  |                                                                                       |  |                                                   |  |              |  |
|---------------|--|---------------------------------------|--|--------------------------------------------------------|--|----------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------|--|--------------|--|
| spec ref -    |  |                                       |  | dr <a href="#">Bill Lin</a> <a href="#">2010/02/02</a> |  | projection                                                     |  | mm                                                                                    |  | size A4                                                                               |  | scale 1:1                                         |  |              |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                                        |  | eng <a href="#">Nickor Zuo</a> <a href="#">2011/06/09</a>      |  |  |  |  |  | ecn no <a href="#">ELX-DG-003943-1</a>            |  |              |  |
| - -           |  |                                       |  |                                                        |  | chr <a href="#">Alex Cao</a> <a href="#">2011/06/24</a>        |  |                                                                                       |  |                                                                                       |  | rel level <a href="#">Released</a>                |  |              |  |
| - -           |  |                                       |  |                                                        |  | appr <a href="#">Pei-Ming Zheng</a> <a href="#">2011/06/27</a> |  |                                                                                       |  |                                                                                       |  | product family GIG-Array                          |  |              |  |
| surface 3.2   |  |                                       |  |                                                        |  | linear                                                         |  | 0.X ±0.30                                                                             |  |    |  | title GIG-Array<br>15mm RECP. ASSY. 296 SIG. POS. |  |              |  |
|               |  | 0.XX ±0.10                            |  |                                                        |  |                                                                |  |                                                                                       |  |                                                                                       |  |                                                   |  |              |  |
|               |  | 0.XXX ±0.05                           |  |                                                        |  |                                                                |  |                                                                                       |  |                                                                                       |  |                                                   |  |              |  |
| ASME Y14.5    |  | angular                               |  | 0° ±2°                                                 |  | <a href="#">www.fci.com</a>                                    |  | cat. no. -                                                                            |  | Product - Customer Drw                                                                |  |                                                   |  | sheet 2 of 5 |  |

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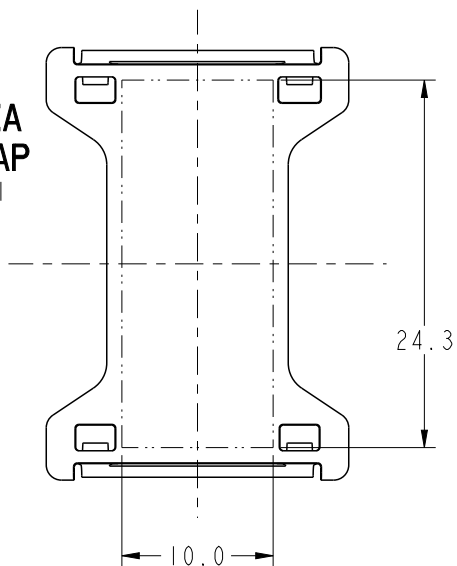


## RECEPTACLE INTERFACE DESCRIPTION

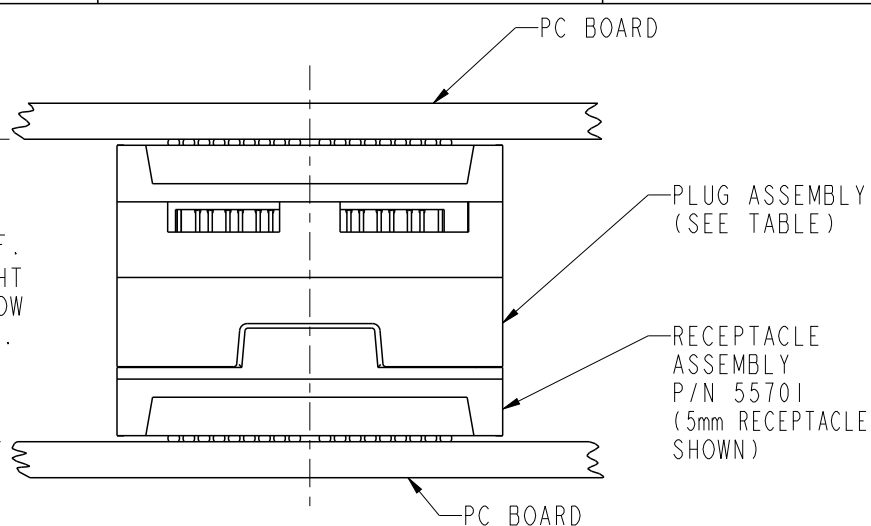
|               |                                                                                     |        |       |             |                                                                                     |            |                                                                                                                                                                                                                         |                        |                 |        |              |           |   |
|---------------|-------------------------------------------------------------------------------------|--------|-------|-------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------|--------|--------------|-----------|---|
| spec ref      |                                                                                     | -      |       | dr          | Bill Lin                                                                            | 2010/02/02 | <div>projection</div> <div></div> <div></div> | 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 |   |
| surface       |  | linear | 0.X   | ±0.30       |  | title      |                                                                                                                                                                                                                         |                        | GIG-Array       | dwg no | 55733        | rev       | G |
|               |                                                                                     |        | 0.XX  | ±0.10       |                                                                                     |            |                                                                                                                                                                                                                         |                        |                 |        |              |           |   |
|               |                                                                                     |        | 0.XXX | ±0.05       |                                                                                     |            |                                                                                                                                                                                                                         |                        |                 |        |              |           |   |
| ASME Y14.5    | 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

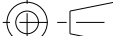


DIM "A" REF.  
MATED HEIGHT  
AFTER REFLOW  
SEE NOTE 3.



**END VIEW OF MATED CONNECTORS**  
SCALE 2:1

| DIM. "A" | PLUG ASSEMBLY P/N |
|----------|-------------------|
| 25       | 55720             |
| 27       | 10026804          |
| 28       | 10008026          |
| 30       | 55700             |
| 35       | 55727             |
| 40       | 10054784          |

|                                                                                                                  |         |       |       |                                                                                     |                |            |                                                                                                                                                                                                                                       |                        |           |        |       |                 |     |   |
|------------------------------------------------------------------------------------------------------------------|---------|-------|-------|-------------------------------------------------------------------------------------|----------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------|--------|-------|-----------------|-----|---|
| spec ref -                                                                                                       |         |       |       | dr                                                                                  | Bill Lin       | 2010/02/02 | <div>projection</div> <div></div> <div>mm</div> <div></div> | size                   | A4        | scale  | 1:1   |                 |     |   |
| tolerance std                                                                                                    |         |       |       | eng                                                                                 | Nickor Zuo     | 2011/06/09 |                                                                                                                                                                                                                                       | ecn no                 |           |        |       | ELX-DG-003943-1 |     |   |
| - TOLERANCES UNLESS OTHERWISE SPECIFIED                                                                          |         |       |       | chr                                                                                 | Alex Cao       | 2011/06/24 |                                                                                                                                                                                                                                       | rel level              |           |        |       | Released        |     |   |
| -                                                                                                                |         |       |       | appr                                                                                | Pei-Ming Zheng | 2011/06/27 |                                                                                                                                                                                                                                       | product family         |           |        |       | GIG-Array       |     |   |
| surface 3.2<br><br>ASME Y14.5 | linear  | 0.X   | ±0.30 |  | title          |            |                                                                                                                                                                                                                                       |                        | GIG-Array | dwg no | 55733 |                 | rev | G |
|                                                                                                                  |         | 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                                                                                                                          |
|----------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 55733-001      | STANDARD (EUTECTIC)     | PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE<br><br>Au over Ni |
| 55733-001LF    | LEADFREE                |                                                                                                                                                            |
| 55733-201      | STANDARD (EUTECTIC)     |                                                                                                                                                            |
| 55733-201LF    | LEADFREE                |                                                                                                                                                            |

## NOTES:

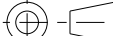
## ① MATERIAL:

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 3.2     |  | linear         |  | 0.X ±0.30                             |  |  |  | title GIG-Array        |  | dwg no 55733                                                                          |  | rev G                                                                                 |  |                          |  |           |  |
|                 |  | 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                                                                          |  |                          |  |           |  |

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PDS: Rev :G

STATUS:Released

Printed: Jun 28, 2011

## Данный компонент на территории Российской Федерации

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<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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