

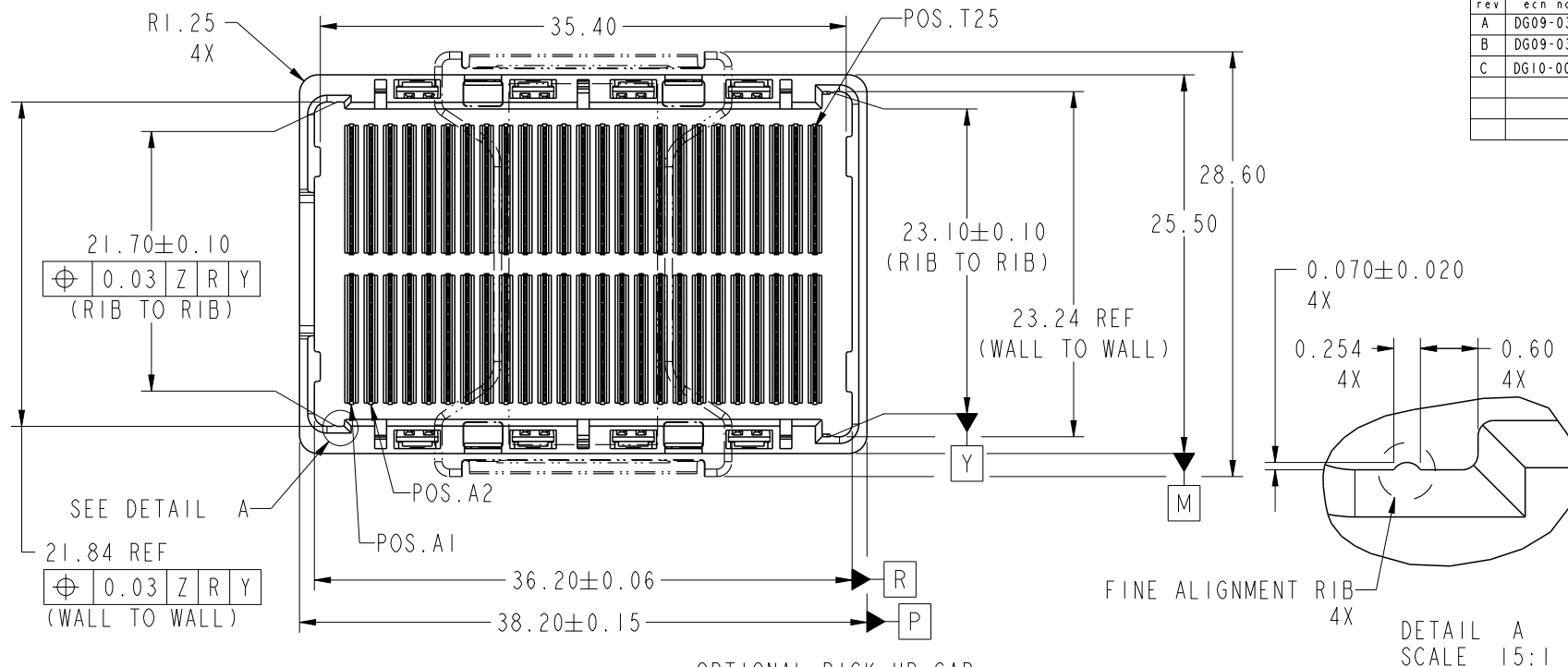
| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| A   | DG09-0333 | B L | 2009-10-09 |
| B   | DG09-0361 | B L | 2009-11-19 |
| C   | DG10-0031 | B L | 2010-01-19 |
|     |           |     |            |
|     |           |     |            |

A

B

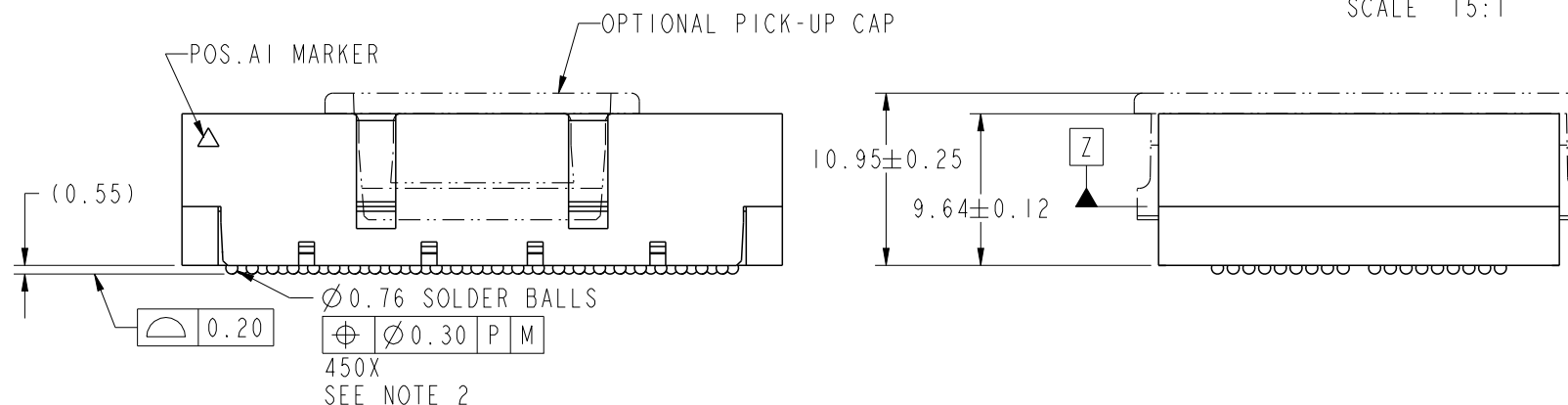
A

B



C

C



D

D

|                                            |  |            |  |          |            |             |            |                               |  |   |  |                        |  |                 |            |           |       |                |      |           |  |   |  |
|--------------------------------------------|--|------------|--|----------|------------|-------------|------------|-------------------------------|--|---|--|------------------------|--|-----------------|------------|-----------|-------|----------------|------|-----------|--|---|--|
| spec ref                                   |  | *          |  | dr       |            | Bill Lin    | 2010/02/02 | projection                    |  |   |  | mm                     |  | size            |            | A4        | scale |                | 3:10 |           |  |   |  |
| tolerance std                              |  | ASME Y14.5 |  | eng      |            | Nickor Zuo  | 2011/06/01 |                               |  |   |  | ecn no                 |  | ELX-DG-003943-1 |            | rel level |       | Released       |      |           |  |   |  |
| -<br>TOLERANCES UNLESS OTHERWISE SPECIFIED |  | chr        |  | Alex Cao | 2011/06/24 | appr        |            |                               |  |   |  |                        |  | Pei-Ming Zheng  | 2011/06/27 |           |       | product family |      | GIG-Array |  |   |  |
| surface                                    |  | ✓          |  | linear   |            | 0.X         |            | ±0.30                         |  |   |  | title                  |  | GIG-Array       |            | dwg no    |       | 10107377       |      | rev       |  | D |  |
|                                            |  |            |  | 0.XX     |            | ±0.10       |            | 10mm PLUG ASSY. 200 SIG. POS. |  |   |  |                        |  |                 |            |           |       |                |      |           |  |   |  |
|                                            |  |            |  | 0.XXX    |            | ±0.05       |            |                               |  |   |  |                        |  |                 |            |           |       |                |      |           |  |   |  |
| -<br>angular                               |  | 0°         |  | ±2°      |            | www.fci.com |            | cat. no.                      |  | * |  | Product - Customer Drw |  | sheet 1 of 5    |            |           |       |                |      |           |  |   |  |

ProjE File - REV C - 2009-06-09

2

3

PDS: Rev :D

STATUS:Released

Printed: Jun 27, 2011



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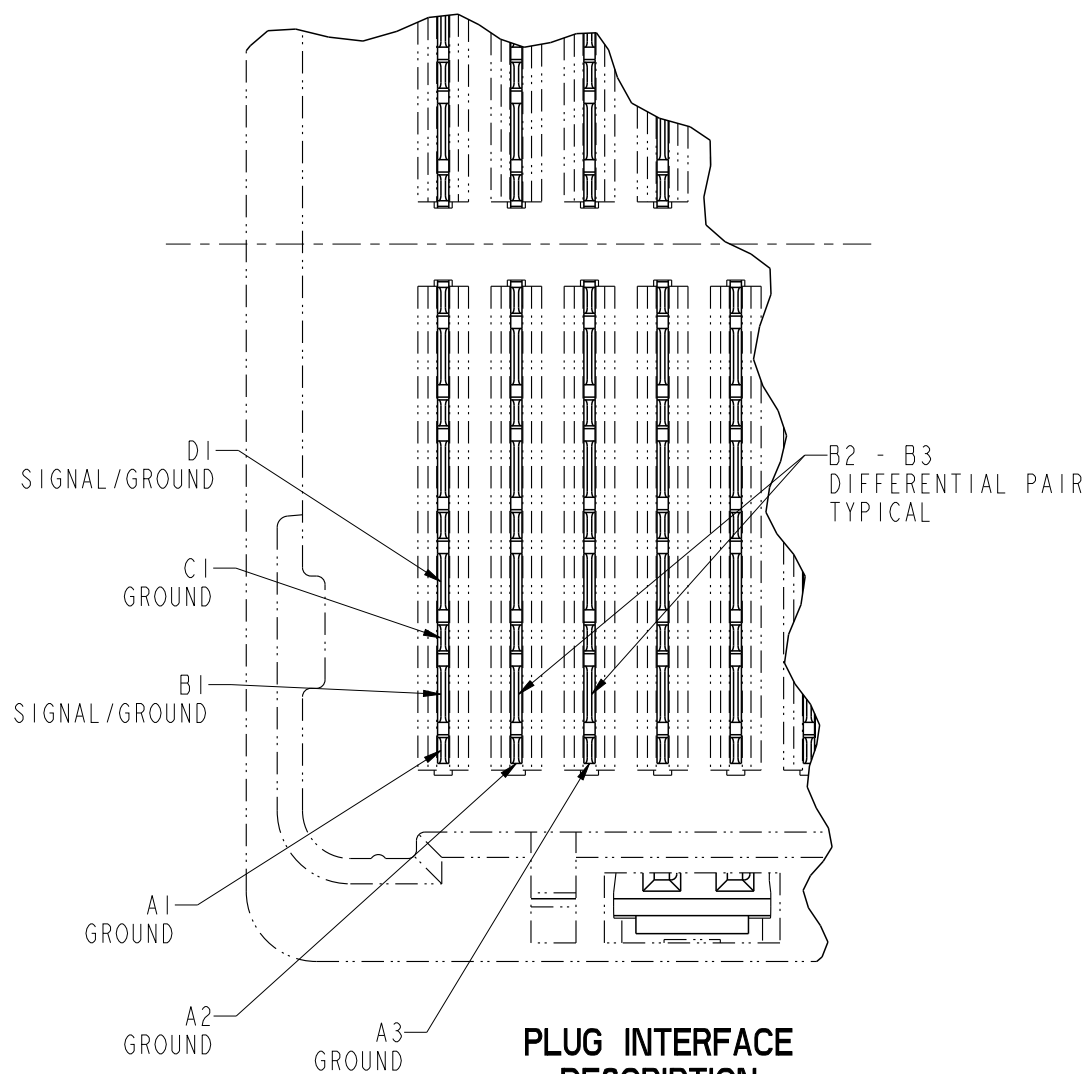


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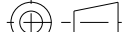
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|---------------|--|---------------------------------------|--|--------|--|----------------|--|-------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------|--|-----------------|--|----------|--|-------|--|---|--|
| spec ref      |  | *                                     |  | dr     |  | Bill Lin       |  | 2010/02/02  |  | projection                                                                            |  |  |  | size                   |  | A4              |  | scale    |  | 21:10 |  |   |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng    |  | Nickor Zuo     |  | 2011/06/01  |  |  |  |  |  | ecn no                 |  | ELX-DG-003943-1 |  |          |  |       |  |   |  |
| ASME Y14.5    |  |                                       |  | 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          |  | 10107377 |  | rev   |  | D |  |
|               |  | 0.XX                                  |  | ±0.10  |  |                |  |             |  |                                                                                       |  |                                                                                       |  |                        |  |                 |  |          |  |       |  |   |  |
|               |  | 0.XXX                                 |  | ±0.05  |  |                |  |             |  |                                                                                       |  |                                                                                       |  |                        |  |                 |  |          |  |       |  |   |  |
| -             |  | angular                               |  | 0°     |  | ±2°            |  | www.fci.com |  | cat. no.                                                                              |  | *                                                                                     |  | Product - Customer Drw |  | sheet 2 of 5    |  |          |  |       |  |   |  |



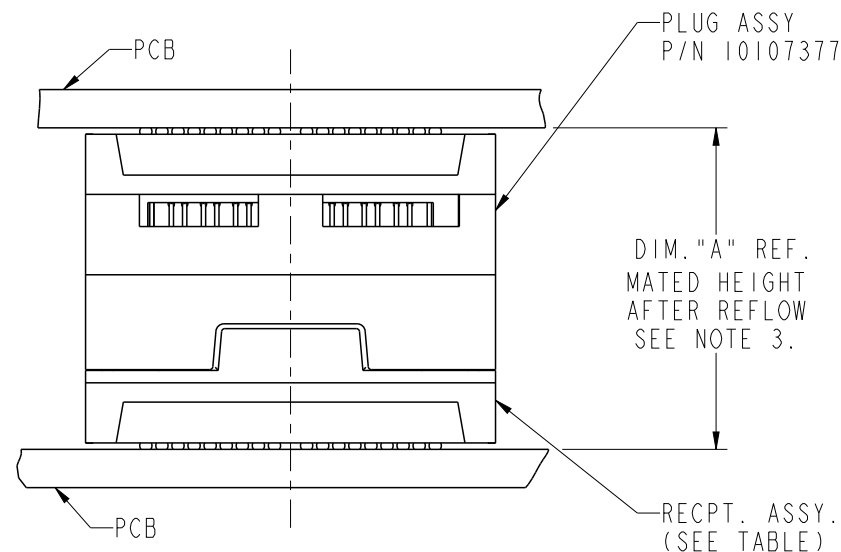
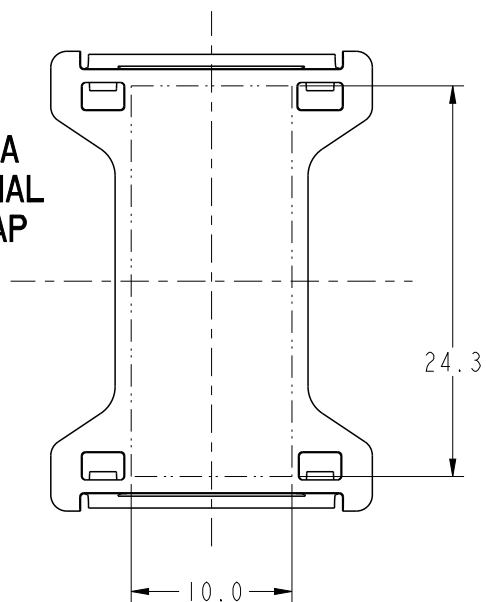
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### PLUG INTERFACE DESCRIPTION

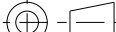
|                            |  |                                       |  |                       |       |                                                                                                  |  |                                                                                          |  |                        |  |                    |  |              |  |
|----------------------------|--|---------------------------------------|--|-----------------------|-------|--------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|--|------------------------|--|--------------------|--|--------------|--|
| spec ref *                 |  |                                       |  | dr Bill Lin2010/02/02 |       | projection  |  | mm  |  | size A4                |  | scale 3:10         |  |              |  |
| tolerance std ASME Y14.5 - |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                       |       | eng Nickor Zuo2011/06/01                                                                         |  |                                                                                          |  | 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<br>10mm PLUG ASSY. 200 SIG. POS.                                         |  |                        |  | dwg no 10107377    |  | rev D        |  |
|                            |  |                                       |  | 0.XX                  | ±0.10 |                                                                                                  |  |                                                                                          |  |                        |  |                    |  |              |  |
|                            |  |                                       |  | 0.XXX                 | ±0.05 |                                                                                                  |  |                                                                                          |  |                        |  |                    |  |              |  |
| -                          |  | angular                               |  | 0°                    | ±2°   | www.fci.com                                                                                      |  | cat. no. *                                                                               |  | Product - Customer Drw |  |                    |  | sheet 3 of 5 |  |

FLAT AREA  
FOR OPTIONAL  
PICK-UP CAP



### END VIEW OF MATED CONNECTORS

| DIM. "A" | RECPT. ASSY. P/N |
|----------|------------------|
| 15       | 55740            |
| 20       | 10026010         |
| 21       | 10081496         |
| 25       | 55741            |

|               |                                       |       |       |                                                                                     |                |                                            |                                                                                                     |                                                                                             |           |                 |           |      |          |
|---------------|---------------------------------------|-------|-------|-------------------------------------------------------------------------------------|----------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|-----------------|-----------|------|----------|
| spec ref      |                                       | *     |       | dr                                                                                  | Bill Lin       | 2010/02/02                                 | projection<br> | mm<br> | size      | A4              | scale     | 3:10 |          |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng                                                                                 | Nickor Zuo     | 2011/06/01                                 |                                                                                                     |                                                                                             | ecn no    | ELX-DG-003943-1 |           |      |          |
|               |                                       |       |       | chr                                                                                 | Alex Cao       | 2011/06/24                                 |                                                                                                     |                                                                                             |           |                 |           |      |          |
| ASME Y14.5    |                                       |       |       | appr                                                                                | Pei-Ming Zheng | 2011/06/27                                 | product family                                                                                      |                                                                                             | GIG-Array |                 | rel level |      | Released |
| surface<br>✓  | linear                                | 0.X   | ±0.30 |  | title          | GIG-Array<br>10mm PLUG ASSY. 200 SIG. POS. |                                                                                                     |                                                                                             | dwg no    | 10107377        |           | rev  | D        |
|               |                                       | 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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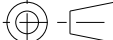
| PRODUCT NUMBER | SOLDER BALL COMPOSITION | CONTACT PLATING PERFORMANCE LEVEL                                                                                                        |
|----------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 10107377-001   | STANDARD (EUTECTIC)     | PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE |
| 10107377-001LF | LEADFREE                |                                                                                                                                          |

**NOTES:**

## ① MAT'L:

HOUSING: LCP  
CONTACT: COPPER ALLOY  
PLATING (CONTACT): Au OVER Ni.  
UL RATING: 94 V-0  
SOLDERBALL: (SEE TABLE) EUTECTIC  
SnPb OR LEAD FREE 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.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. LEAD FREE 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 THIS DIRECTIVE IS  
IDENTIFIED IN THE CODE NUMBER  
MARKED ON EACH PART BY HAVING  
AN "X" IN THE SEVENTH CHARACTER  
POSITION.

|                                  |                                       |       |       |                                                                                     |             |                                            |                                                                                                     |                                                                                             |        |                 |              |           |          |
|----------------------------------|---------------------------------------|-------|-------|-------------------------------------------------------------------------------------|-------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|-----------------|--------------|-----------|----------|
| spec ref                         |                                       | *     |       | dr                                                                                  | Bill Lin    | 2010/02/02                                 | projection<br> | mm<br> | size   | A4              | scale        | 3:10      |          |
| tolerance std<br>ASME Y14.5<br>- | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng                                                                                 | Nickor Zuo  | 2011/06/01                                 |                                                                                                     |                                                                                             | 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<br>✓<br>-                | linear                                | 0.X   | ±0.30 |  | title       | GIG-Array<br>10mm PLUG ASSY. 200 SIG. POS. |                                                                                                     |                                                                                             | dwg no | 10107377        |              | 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 |           |          |

PrintE File - REV C - 2009-06-09

PDS: Rev :D

STATUS:Released

Printed: Jun 27, 2011