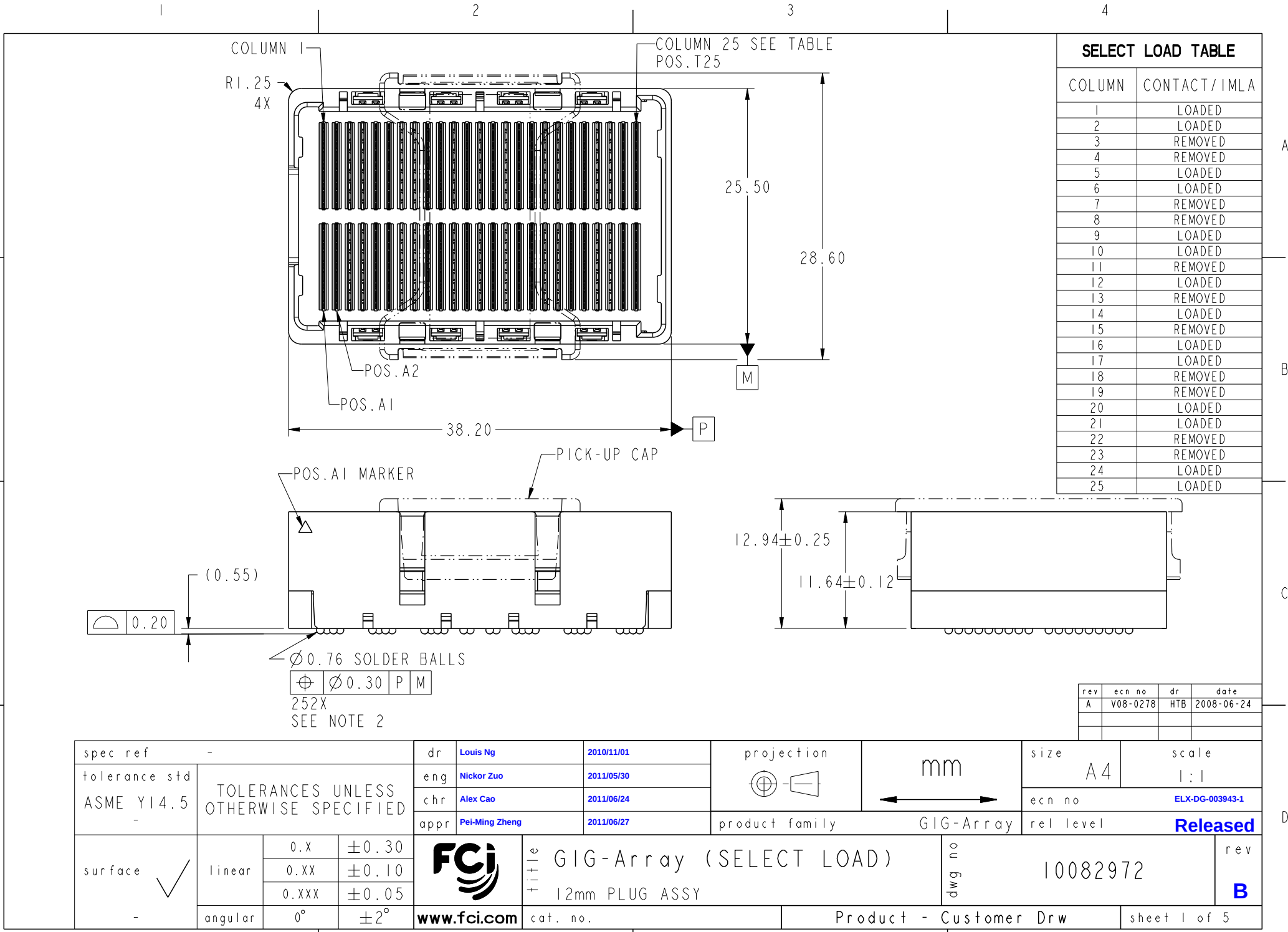


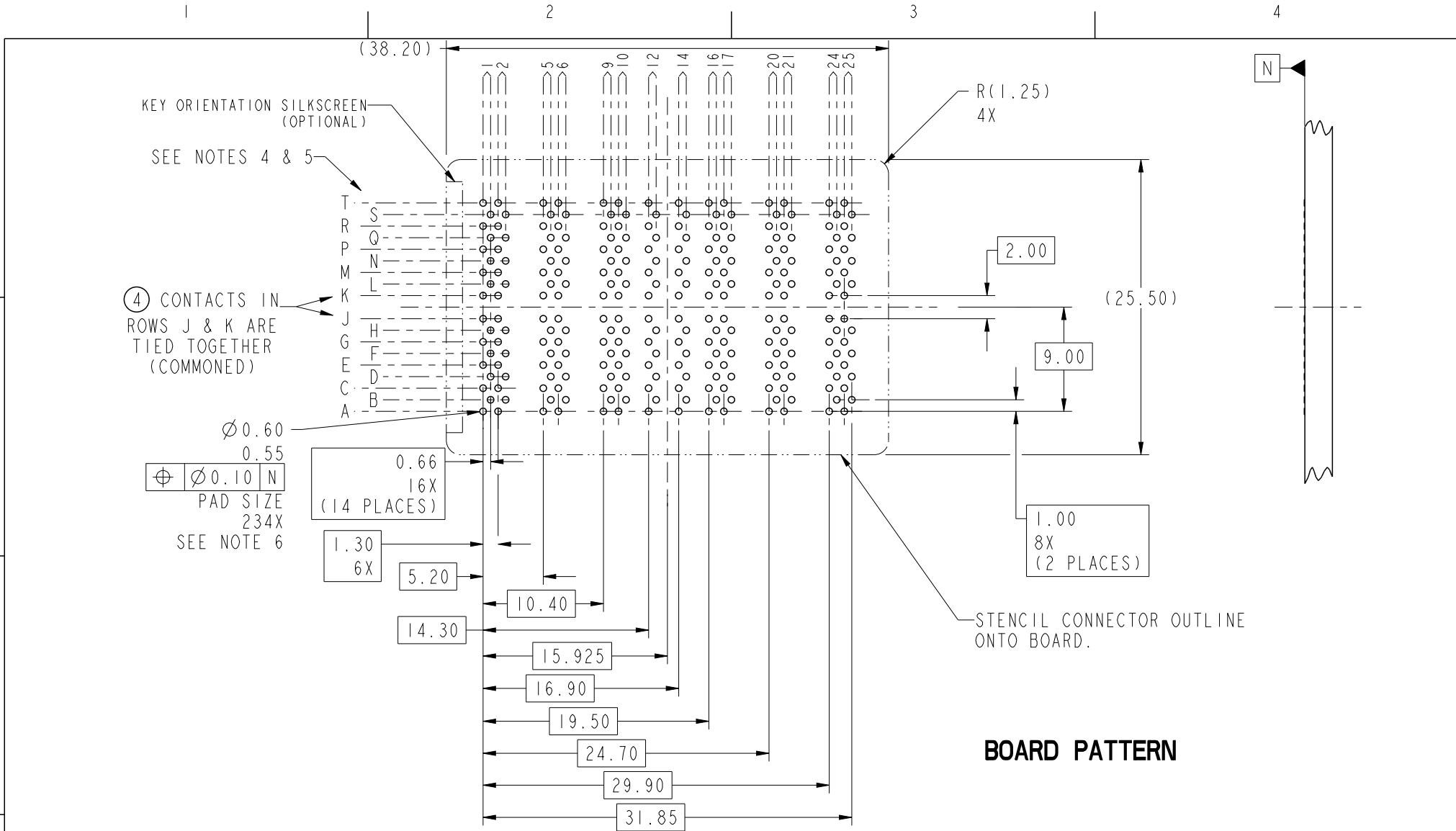


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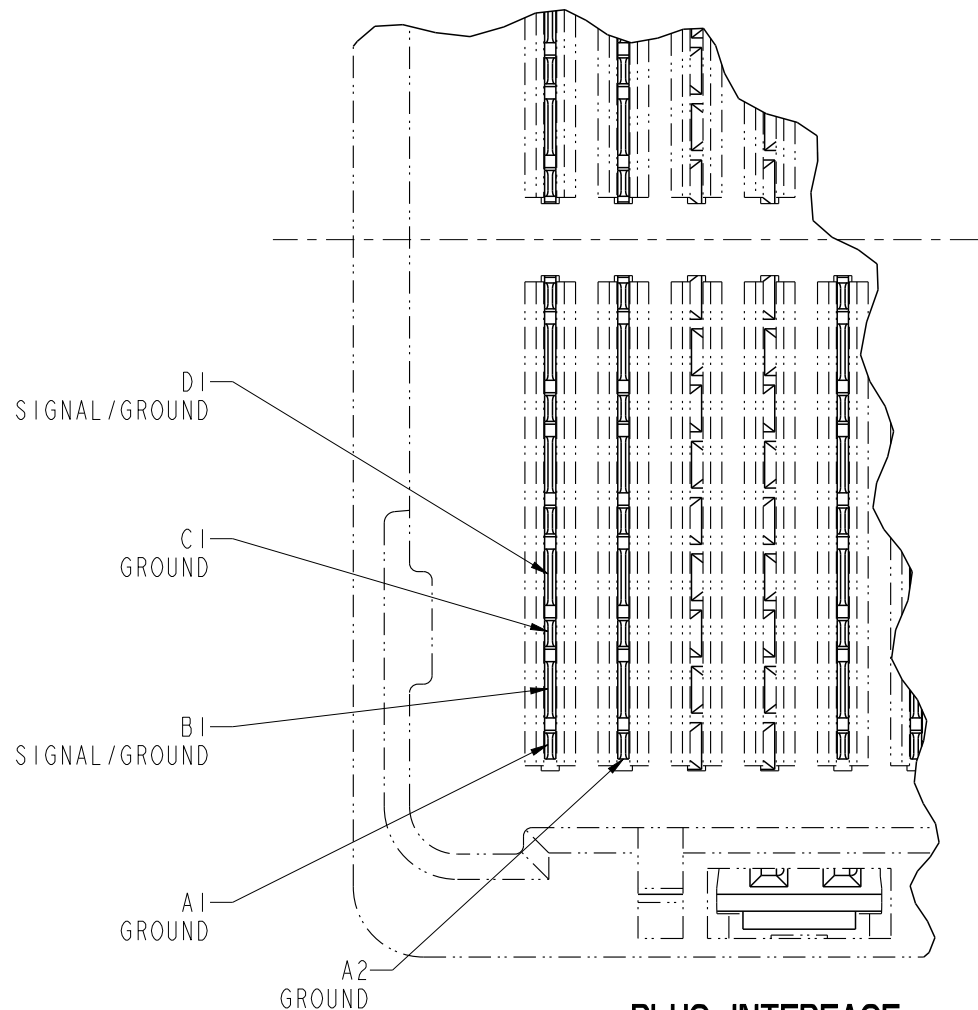
BOARD PATTERN

|                                  |                                       |       |       |             |                                                    |            |                                   |                           |          |                 |              |                |
|----------------------------------|---------------------------------------|-------|-------|-------------|----------------------------------------------------|------------|-----------------------------------|---------------------------|----------|-----------------|--------------|----------------|
| spec ref -                       |                                       |       |       | dr          | Louis Ng                                           | 2010/11/01 | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size     | A4              | scale        | 1:1            |
| tolerance std<br>ASME Y14.5<br>- | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng         | Nickor Zuo                                         | 2011/05/30 |                                   |                           | ecn no   | ELX-DG-003943-1 |              |                |
|                                  |                                       |       |       | chr         | Alex Cao                                           | 2011/06/24 |                                   |                           |          |                 |              |                |
|                                  |                                       |       |       | appr        | Pei-Ming Zheng                                     | 2011/06/27 |                                   |                           |          |                 |              | product family |
| surface<br>✓                     | linear                                | 0.X   | ±0.30 |             | title<br>GIG-Array (SELECT LOAD)<br>12mm PLUG ASSY |            |                                   | dwg no                    | 10082972 |                 |              | rev<br>B       |
|                                  |                                       | 0.XX  | ±0.10 |             |                                                    |            |                                   |                           |          |                 |              |                |
|                                  |                                       | 0.XXX | ±0.05 |             |                                                    |            |                                   |                           |          |                 |              |                |
| -                                | angular                               | 0°    | ±2°   | www.fci.com | cat. no.                                           |            |                                   | Product - Customer Drw    |          |                 | sheet 2 of 5 |                |

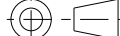
PrintE File - REV C - 2009-06-09



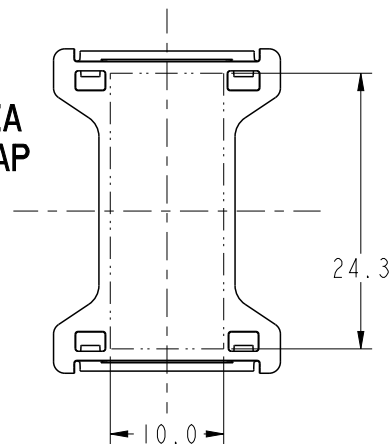
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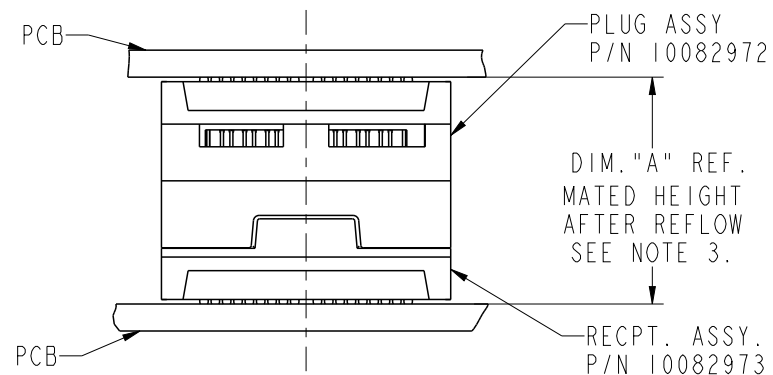
PLUG INTERFACE  
DESCRIPTION

|                                  |                                       |       |       |                                                                                     |                                                    |            |                                                                                                     |                                                                                             |        |                 |              |          |
|----------------------------------|---------------------------------------|-------|-------|-------------------------------------------------------------------------------------|----------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|-----------------|--------------|----------|
| spec ref -                       |                                       |       |       | dr                                                                                  | Louis Ng                                           | 2010/11/01 | projection<br> | mm<br> | size   | A4              | scale        | 1:1      |
| tolerance std<br>ASME Y14.5<br>- | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng                                                                                 | Nickor Zuo                                         | 2011/05/30 |                                                                                                     |                                                                                             | ecn no | ELX-DG-003943-1 |              |          |
|                                  |                                       |       |       | chr                                                                                 | Alex Cao                                           | 2011/06/24 |                                                                                                     |                                                                                             |        |                 |              |          |
|                                  |                                       |       |       | appr                                                                                | Pei-Ming Zheng                                     | 2011/06/27 |                                                                                                     |                                                                                             |        |                 |              |          |
|                                  |                                       |       |       |                                                                                     |                                                    |            |                                                                                                     |                                                                                             |        |                 |              |          |
|                                  |                                       |       |       |                                                                                     |                                                    |            |                                                                                                     |                                                                                             |        |                 |              |          |
| surface<br>✓                     | linear                                | 0.X   | ±0.30 |  | title<br>GIG-Array (SELECT LOAD)<br>12mm PLUG ASSY |            |                                                                                                     |                                                                                             | dwg no | 10082972        |              | rev<br>B |
|                                  |                                       | 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  
PICK-UP CAP

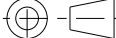


SCALE 3:2



SCALE 3:2

END VIEW OF MATED CONNECTORS

|                                  |                                          |       |       |                                                                                     |                                                    |            |                                                                                                                                                                                                                                                 |                           |          |              |          |
|----------------------------------|------------------------------------------|-------|-------|-------------------------------------------------------------------------------------|----------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------|--------------|----------|
| spec ref                         |                                          | -     |       | dr                                                                                  | Louis Ng                                           | 2010/11/01 | <div>projection</div> <div></div> <div><div>mm</div><div></div></div> | size                      | A4       | scale        | 1:1      |
| tolerance std<br>ASME Y14.5<br>- | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED |       |       | eng                                                                                 | Nickor Zuo                                         | 2011/05/30 |                                                                                                                                                                                                                                                 | ecn no<br>ELX-DG-003943-1 |          |              |          |
|                                  |                                          |       |       | chr                                                                                 | Alex Cao                                           | 2011/06/24 |                                                                                                                                                                                                                                                 |                           |          |              |          |
|                                  |                                          |       |       | appr                                                                                | Pei-Ming Zheng                                     | 2011/06/27 |                                                                                                                                                                                                                                                 | product family            |          | GIG-Array    |          |
| surface<br>✓<br>-                | linear                                   | 0.X   | ±0.30 |  | title<br>GIG-Array (SELECT LOAD)<br>12mm PLUG ASSY |            |                                                                                                                                                                                                                                                 | dwg no                    | 10082972 |              | rev<br>B |
|                                  |                                          | 0.XX  | ±0.10 |                                                                                     |                                                    |            |                                                                                                                                                                                                                                                 |                           |          |              |          |
|                                  |                                          | 0.XXX | ±0.05 |                                                                                     |                                                    |            |                                                                                                                                                                                                                                                 |                           |          |              |          |
|                                  | angular                                  | 0°    | ±2°   | www.fci.com                                                                         | cat. no.                                           |            | Product - Customer Drw                                                                                                                                                                                                                          |                           |          | sheet 4 of 5 |          |

Print File - REV C - 2009-06-09

PDS: Rev :B

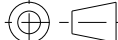
STATUS:Released

Printed: Jun 27, 2011

| PRODUCT NUMBER | SOLDER BALL COMPOSITION | CONTACT PLATING PERFORMANCE LEVEL                                                                                                        |
|----------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 10082972-001   | STANDARD (EUTECTIC)     | PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE |
| 10082972-001LF | LEADFREE                |                                                                                                                                          |

**NOTES:**

- ①. MATERIAL:  
HOUSING: LCP  
CONTACT: COPPER ALLOY  
PLATING (CONTACT): Au OVER Ni.  
UL RATING: 94 V-0
- 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 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 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                                                                                  | Louis Ng                                           | 2010/11/01 | projection<br> | mm<br> | size   | A4              | scale | 1:1 |                |           |  |           |
| tolerance std<br>ASME Y14.5<br>- | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng                                                                                 | Nickor Zuo                                         | 2011/05/30 |                                                                                                     |                                                                                             | 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<br>✓<br>-                | linear                                | 0.X     | ±0.30 |  | title<br>GIG-Array (SELECT LOAD)<br>12mm PLUG ASSY |            | dwg no                                                                                              | 10082972                                                                                    |        | rev<br>B        |       |     |                |           |  |           |
|                                  |                                       | 0.XX    | ±0.10 |                                                                                     |                                                    |            |                                                                                                     |                                                                                             |        |                 |       |     |                |           |  |           |
|                                  |                                       | 0.XXX   | ±0.05 |                                                                                     |                                                    |            |                                                                                                     |                                                                                             |        |                 |       |     |                |           |  |           |
|                                  |                                       | angular | 0°    | ±2°                                                                                 | www.fci.com                                        | cat. no.   | Product - Customer Drw                                                                              |                                                                                             |        | sheet 5 of 5    |       |     |                |           |  |           |

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