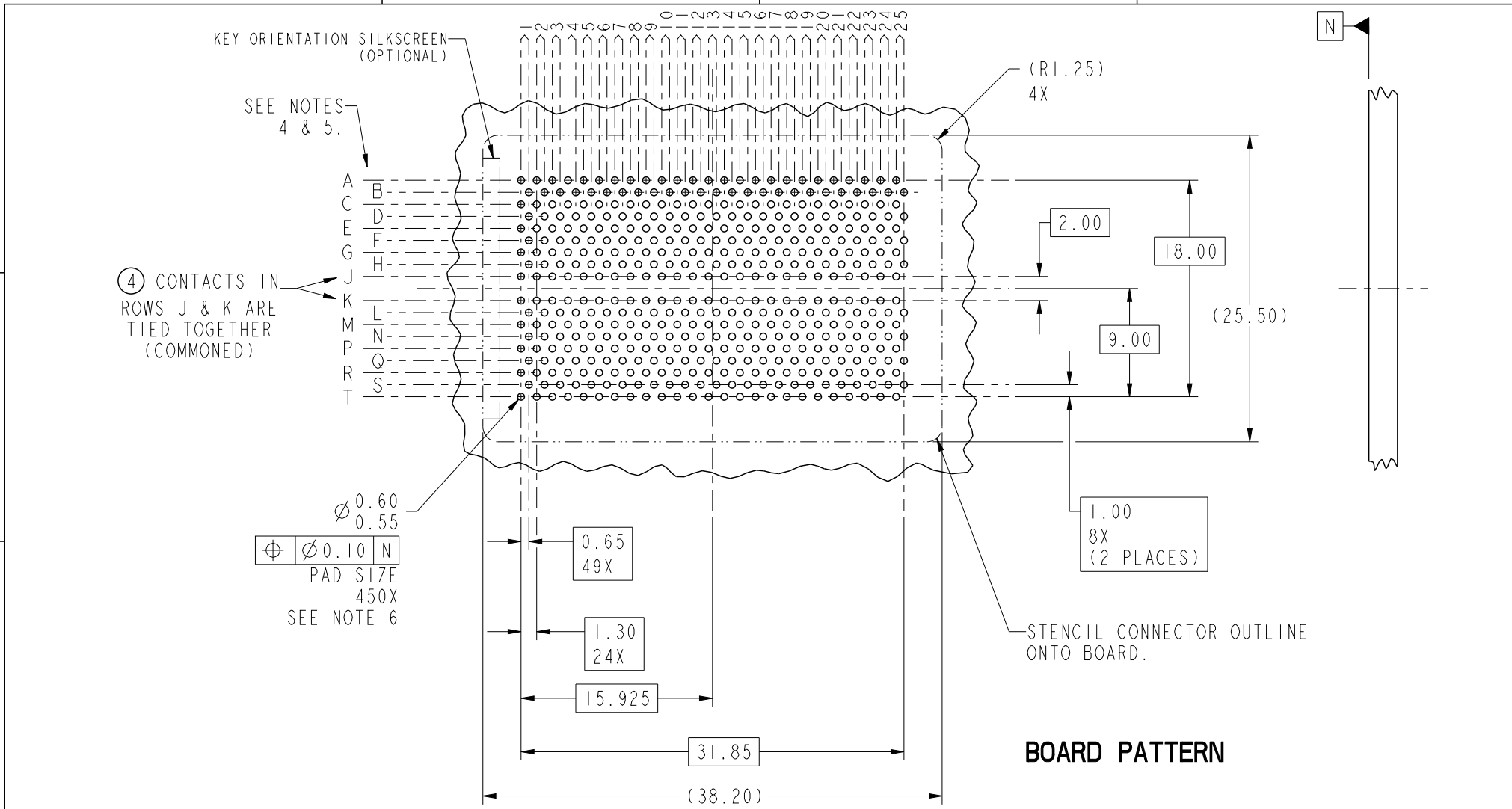
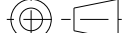






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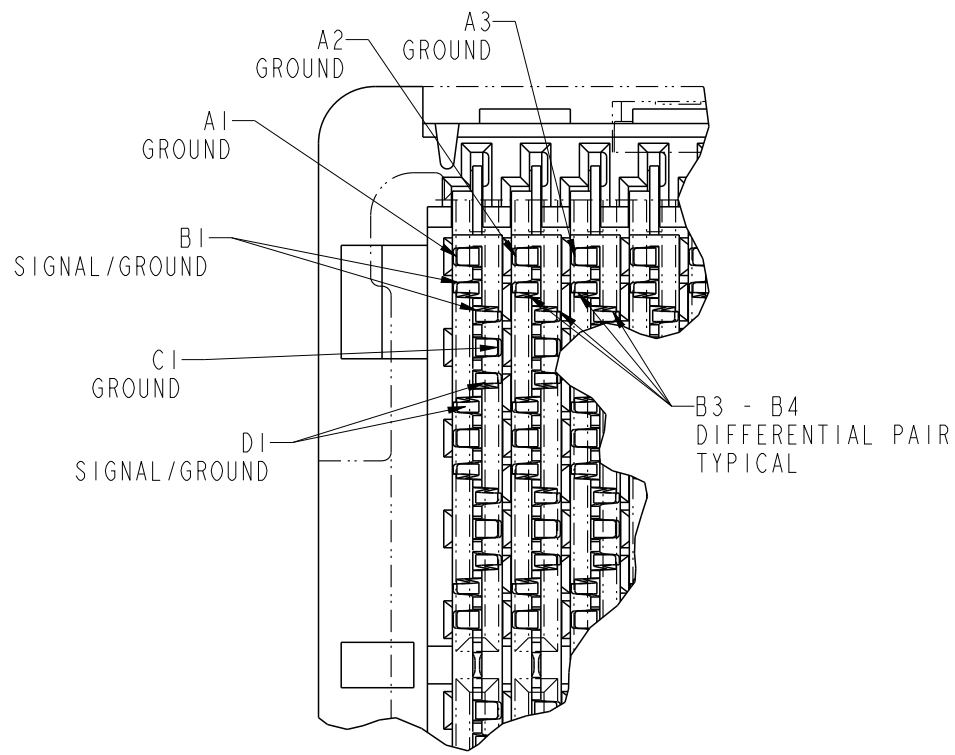


|                                                                                             |                                       |         |       |                                                                                     |                                                         |                                                                                                     |                                                                                             |                                        |              |
|---------------------------------------------------------------------------------------------|---------------------------------------|---------|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------|--------------|
| spec ref -                                                                                  |                                       |         |       | dr <a href="#">Bill Lin</a> 2010/02/02                                              |                                                         | projection<br> | mm<br> | size A4                                | scale 21:10  |
| tolerance std<br>ASME Y14.5<br>-                                                            | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng <a href="#">Nickor Zuo</a> 2011/06/21                                           |                                                         |                                                                                                     |                                                                                             | ecn no <a href="#">ELX-DG-003943-1</a> |              |
|                                                                                             |                                       |         |       | chr <a href="#">Alex Cao</a> 2011/06/24                                             |                                                         |                                                                                                     |                                                                                             | rel level <b>Released</b>              |              |
|                                                                                             |                                       |         |       | appr <a href="#">Pei-Ming Zheng</a> 2011/06/27                                      |                                                         |                                                                                                     |                                                                                             |                                        |              |
| product family GIG-Array                                                                    |                                       |         |       |                                                                                     |                                                         |                                                                                                     |                                                                                             |                                        |              |
| surface  | linear                                | 0.X     | ±0.30 |  | title GIG-Array - 5mm RECEPTACLE<br>ASSY. 200 SIG. POS. |                                                                                                     |                                                                                             | dwg no 10069344                        | rev <b>D</b> |
|                                                                                             |                                       | 0.XX    | ±0.10 |                                                                                     |                                                         |                                                                                                     |                                                                                             |                                        |              |
|                                                                                             |                                       | 0.XXX   | ±0.05 |                                                                                     |                                                         |                                                                                                     |                                                                                             |                                        |              |
|                                                                                             | -                                     | angular | 0°    | ±2°                                                                                 | <a href="#">www.fci.com</a>                             | cat. no.                                                                                            | Product - Customer Drw                                                                      |                                        |              |

PrintE File - REV C - 2009-06-09

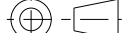


Copyright FCI.

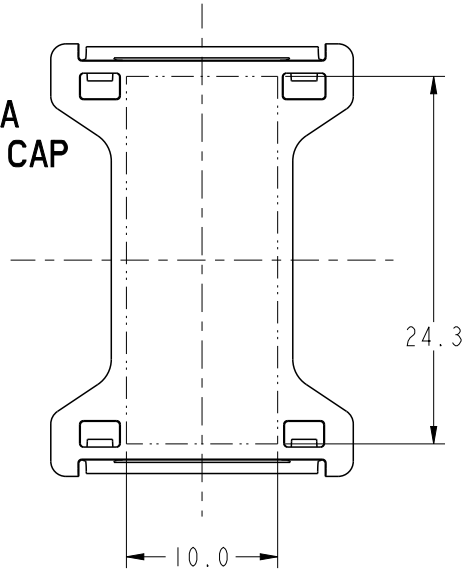


RECEPTACLE INTERFACE  
DESCRIPTION

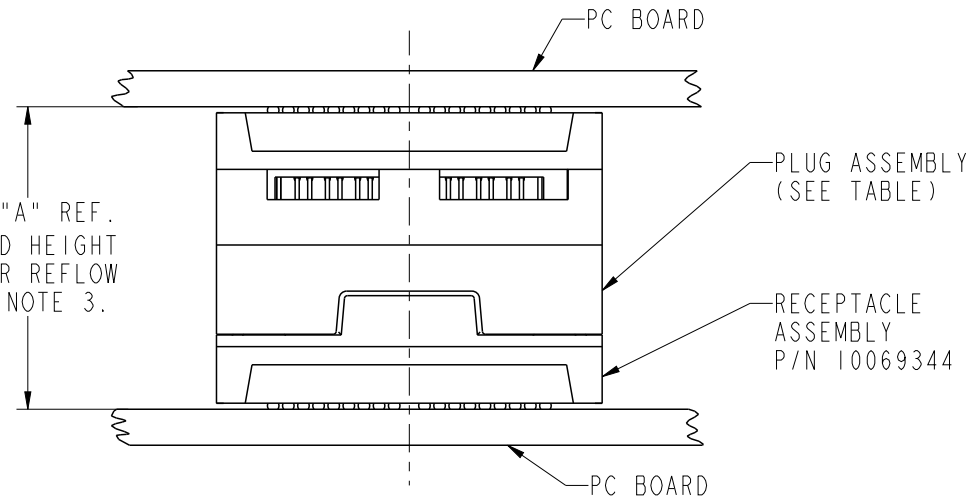
SCALE 6:1

|                                                                                             |                                       |         |       |                                                                                     |                                                         |                                                                                                                        |                                                                                                                |                                        |              |
|---------------------------------------------------------------------------------------------|---------------------------------------|---------|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------|
| spec ref -                                                                                  |                                       |         |       | dr <a href="#">Bill Lin</a> 2010/02/02                                              |                                                         | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size A4                                | scale 21:10  |
| tolerance std<br>ASME Y14.5<br>-                                                            | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng <a href="#">Nickor Zuo</a> 2011/06/21                                           |                                                         |                                                                                                                        |                                                                                                                | ecn no <a href="#">ELX-DG-003943-1</a> |              |
|                                                                                             |                                       |         |       | chr <a href="#">Alex Cao</a> 2011/06/24                                             |                                                         |                                                                                                                        |                                                                                                                | rel level <b>Released</b>              |              |
|                                                                                             |                                       |         |       | appr <a href="#">Pei-Ming Zheng</a> 2011/06/27                                      |                                                         |                                                                                                                        |                                                                                                                |                                        |              |
| product family GIG-Array                                                                    |                                       |         |       |                                                                                     |                                                         |                                                                                                                        |                                                                                                                |                                        |              |
| surface  | linear                                | 0.X     | ±0.30 |  | title GIG-Array - 5mm RECEPTACLE<br>ASSY. 200 SIG. POS. |                                                                                                                        |                                                                                                                | dwg no 10069344                        | rev <b>D</b> |
|                                                                                             |                                       | 0.XX    | ±0.10 |                                                                                     |                                                         |                                                                                                                        |                                                                                                                |                                        |              |
|                                                                                             |                                       | 0.XXX   | ±0.05 |                                                                                     |                                                         |                                                                                                                        |                                                                                                                |                                        |              |
|                                                                                             | -                                     | angular | 0°    | ±2°                                                                                 | <a href="#">www.fci.com</a>                             | cat. no.                                                                                                               | Product - Customer Drw                                                                                         |                                        | sheet 3 of 5 |

**FLAT AREA  
FOR PICK-UP CAP**  
SCALE 2:1

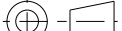


DIM "A" REF.  
MATED HEIGHT  
AFTER REFLOW  
SEE NOTE 3.



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

| DIM. "A" | PLUG ASSEMBLY P/N |
|----------|-------------------|
| 15       | 55737             |
| 17       | 10026802          |
| 18       | 10055142          |
| 20       | 55738             |
| 25       | 55739             |
| 30       | 10054783          |

|                                  |                                       |         |       |                                                                                     |                                                            |            |                                                                                                                        |                                                                                                                |          |                 |              |                |
|----------------------------------|---------------------------------------|---------|-------|-------------------------------------------------------------------------------------|------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|-----------------|--------------|----------------|
| spec ref                         |                                       | -       |       | dr                                                                                  | Bill Lin                                                   | 2010/02/02 | <div>projection</div> <div></div> | <div>mm</div> <div></div> | size     | A4              | scale        | 11:10          |
| tolerance std<br>ASME Y14.5<br>- | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng                                                                                 | Nickor Zuo                                                 | 2011/06/21 |                                                                                                                        |                                                                                                                | ecn no   | ELX-DG-003943-1 |              |                |
|                                  |                                       |         |       | chr                                                                                 | Alex Cao                                                   | 2011/06/24 |                                                                                                                        |                                                                                                                |          |                 |              |                |
|                                  |                                       |         |       | appr                                                                                | Pei-Ming Zheng                                             | 2011/06/27 |                                                                                                                        |                                                                                                                |          |                 |              | product family |
| surface<br>✓<br><br>-            | linear                                | 0.X     | ±0.30 |  | title<br>GIG-Array - 5mm RECEPTACLE<br>ASSY. 200 SIG. POS. |            |                                                                                                                        | dwg no                                                                                                         | 10069344 |                 | rev<br>D     |                |
|                                  |                                       | 0.XX    | ±0.10 |                                                                                     |                                                            |            |                                                                                                                        |                                                                                                                |          |                 |              |                |
|                                  |                                       | 0.XXX   | ±0.05 |                                                                                     |                                                            |            |                                                                                                                        |                                                                                                                |          |                 |              |                |
|                                  |                                       | angular | 0°    | ±2°                                                                                 | www.fci.com                                                | cat. no.   |                                                                                                                        | Product - Customer Drw                                                                                         |          |                 | sheet 4 of 5 |                |

| PRODUCT NUMBER | SOLDER BALL COMPOSITION | CONTACT PLATING PERFORMANCE LEVEL                                                                                                        |
|----------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 10069344-001   | STANDARD (EUTECTIC)     | PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-192, INCLUDING TELCORDIA CENTRAL OFFICE |
| 10069344-001LF | LEADFREE                |                                                                                                                                          |
| 10069344-201   | STANDARD (EUTECTIC)     |                                                                                                                                          |
| 10069344-201LF | LEADFREE                |                                                                                                                                          |

Au over Ni

#### NOTES:

#### ① MATERIAL:

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.

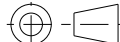
#### ④ CONTACTS IN ROWS A,C,E,G,J,K,M,P,R AND T ARE SINGLE BEAM CONTACTS USED AS GROUND PINS. (NOTE: CONTACTS IN ROWS J & K ARE TIED TOGETHER [COMMONED])

#### 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                                                                            |  |  |  | mm           |  | size A4         |  | scale 21:10 |  |
| tolerance std<br>ASME Y14.5<br>-<br><br>TOLERANCES UNLESS OTHERWISE SPECIFIED |  |  |  | eng Nickor Zuo                                                                      |  | 2011/06/21                                              |  |  |  |                                                                                       |  | ecn no       |  | ELX-DG-003943-1 |  |             |  |
|                                                                               |  |  |  | chr Alex Cao                                                                        |  | 2011/06/24                                              |  |                                                                                       |  |                                                                                       |  | rel level    |  | Released        |  |             |  |
|                                                                               |  |  |  | appr Pei-Ming Zheng                                                                 |  | 2011/06/27                                              |  |                                                                                       |  |                                                                                       |  |              |  |                 |  |             |  |
| surface ✓<br><br>-<br><br>linear                                              |  |  |  |  |  | title GIG-Array - 5mm RECEPTACLE<br>ASSY. 200 SIG. POS. |  | dwg no 10069344                                                                       |  | rev D                                                                                 |  |              |  |                 |  |             |  |
|                                                                               |  |  |  |                                                                                     |  |                                                         |  |                                                                                       |  |                                                                                       |  |              |  | 0.X ±0.30       |  |             |  |
|                                                                               |  |  |  |                                                                                     |  |                                                         |  |                                                                                       |  |                                                                                       |  |              |  | 0.XX ±0.10      |  |             |  |
|                                                                               |  |  |  | 0.XXX ±0.05                                                                         |  | www.fci.com                                             |  | cat. no.                                                                              |  | Product - Customer Drw                                                                |  | sheet 5 of 5 |  |                 |  |             |  |