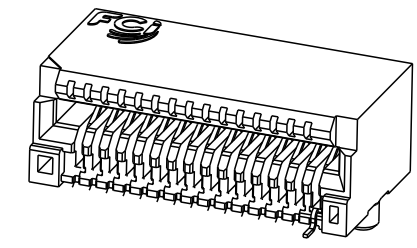
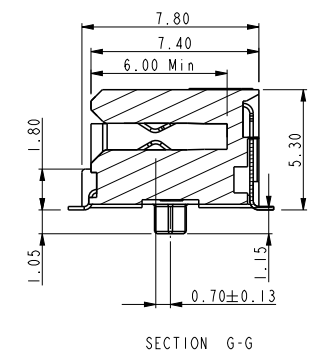
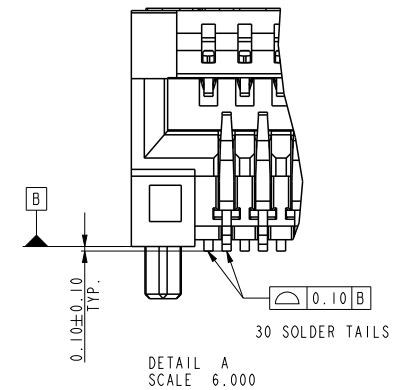
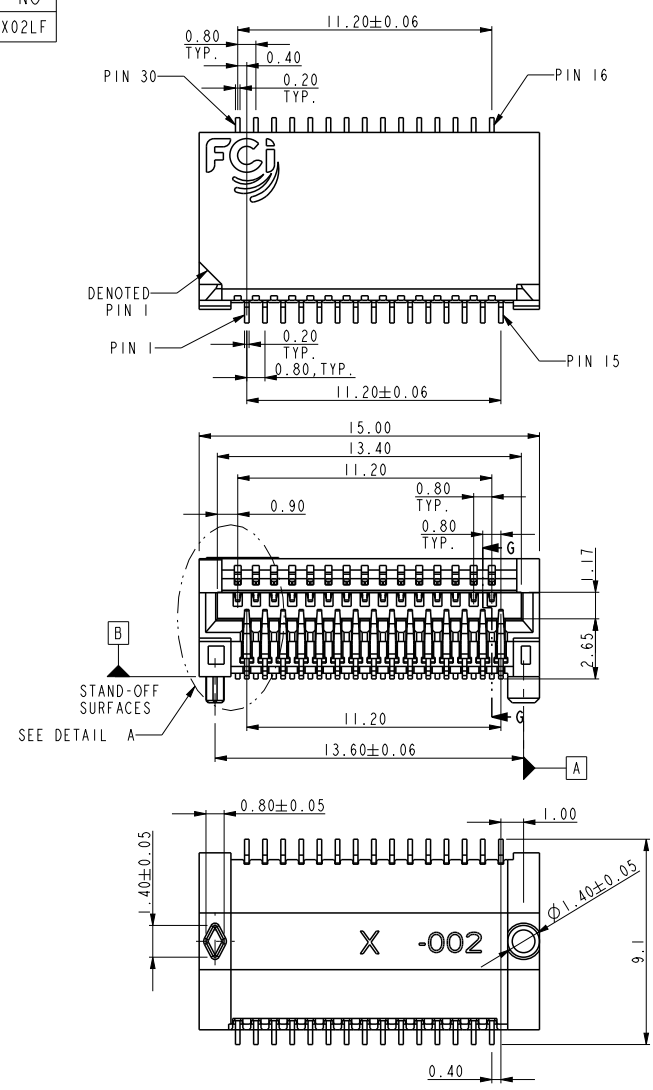




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10084423-X02LF

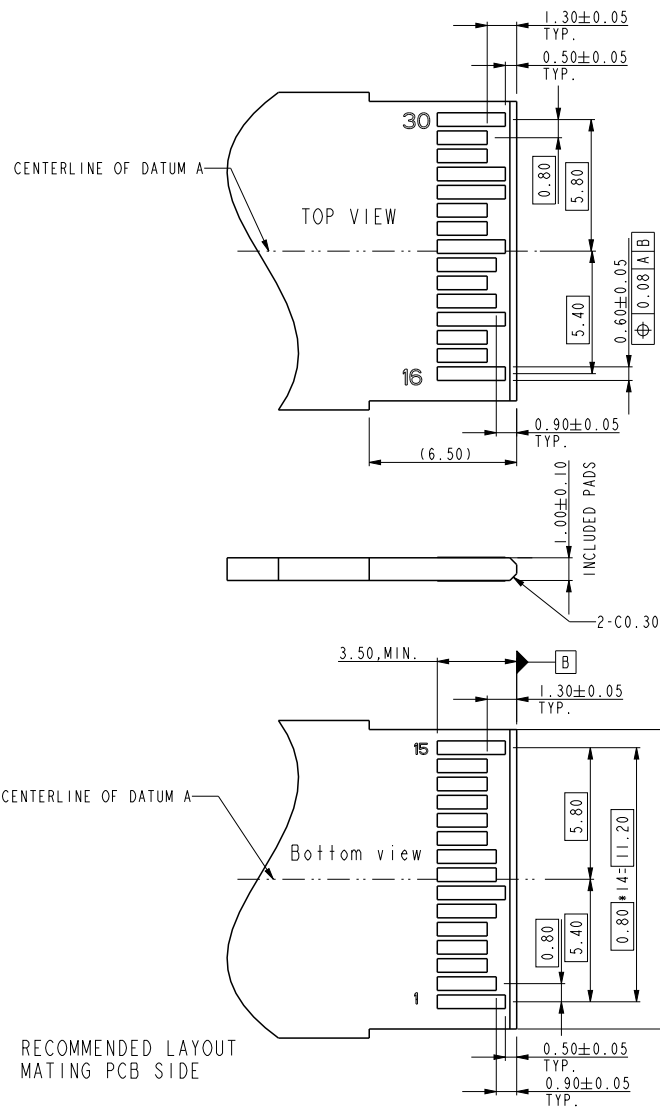


SCALE 3.000

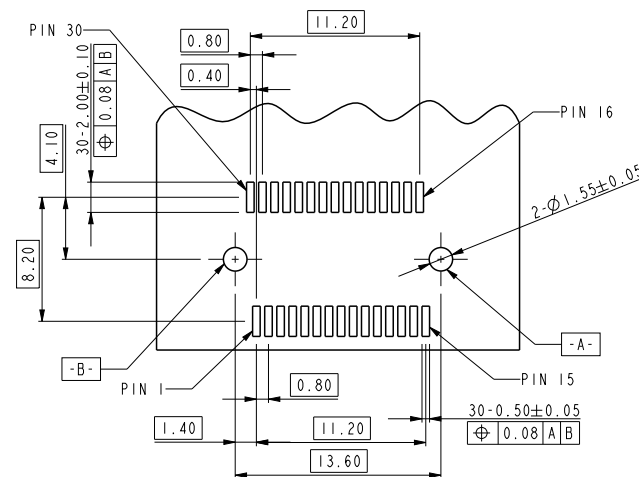
- NOTE:
- 1. Material:
    - HOUSING: HIGH TEMPERATURE LCP, BLACK
    - UL 94 V-0 FLAME RETARDANT.
    - TERMINAL: NICKEL COPPER ALLOY.
    - PLATING SPEC AS BELOW:
    - FOR CONTACT AREA:
      - 102LF FOR 0.76 MICROMETERS MIN. THICKNESS GOLD.
      - 202LF FOR 0.38 MICROMETERS MIN. THICKNESS GOLD
      - 902LF FOR 0.76 MICROMETERS MIN. THICKNESS GXT
    - FOR SOLDER AREA:
      - MATTE PURE TIN 3 MICROMETERS MIN.
    - FOR UNDERPLATING:
      - 2.54 MICROMETERS MIN. THICKNESS NICKEL
  - 2. PACKING SPEC. GS-14-1030.
  - 3. PRODUCT SPEC. GS-12-557.
  - 4. PART NUMBER SCHEME: (EX. 10084423-X02LF), PLEASE FIND THE PAGE 2 FOR OPTIONS.
  - 5. LEAD FREE NOTES:
    - 5a. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
    - 5b. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
  - 6. THIS CONNECTOR IS DESIGNED TO WORK WITH RAIL SYSTEM THAT ALLOW THE MODULE TO "FLOAT" IN THE VERTICAL PLANE AND FIND EQUILIBRIUM BETWEEN THE UPPER AND LOWER CONTACT ROWS. THIS CONNECTOR WILL NOT PERFORM PROPERLY IF USED IN SYSTEMS THAT MECHANICALLY BIAS THE MODULE IN THE VERTICAL PLANE SUCH AS RAIL SYSTEMS WITH EMI SPRINGS.

|               |         |                                       |        |             |                                                                                     |            |                |                        |              |                       |              |          |
|---------------|---------|---------------------------------------|--------|-------------|-------------------------------------------------------------------------------------|------------|----------------|------------------------|--------------|-----------------------|--------------|----------|
| spec ref      |         | *                                     |        | dr          | Junon Huang                                                                         | 2009/04/21 | projection<br> | MM<br>                 | size         | A4                    | scale        | 1.000    |
| tolerance std |         | TOLERANCES UNLESS OTHERWISE SPECIFIED |        | eng         | De-Feng, Qin                                                                        | 2012/03/22 |                |                        | ecn no       | ELX-DG-010777-1       |              |          |
| ISO 406       |         |                                       |        | chr         | Terry Qiu                                                                           | 2012/03/26 |                |                        |              |                       |              |          |
| ISO 1101      |         |                                       |        | appr        | Pei-Ming Zheng                                                                      | 2012/03/26 | product family |                        |              | rel level<br>Released |              |          |
| surface<br>   | linear  | 0.X                                   | ± 0.25 |             | title<br>ASSEMBLY OF STANDARD TYPE, 30 POS.<br>RIGHT ANGLE TYPE.EDGE CARD CONNECTOR |            |                | dwg no                 | 10084423-102 |                       |              | rev<br>F |
|               |         | 0.XX                                  | ± 0.13 |             |                                                                                     |            |                |                        |              |                       |              |          |
|               |         | 0.XXX                                 | ± 0.05 |             |                                                                                     |            |                |                        |              |                       |              |          |
| ISO 1302      | angular | 0°                                    | ±3°    | www.fci.com | cat. no.                                                                            |            | *              | Product - Customer Drw |              |                       | sheet 1 of 2 |          |

PRODUCT NO  
10084423-X02LF



| PART NUMBER    | TERMINALS<br>(Contact plating options) | TERMINALS<br>(Underplating<br>and Solder tail plating)                          | REMARK |
|----------------|----------------------------------------|---------------------------------------------------------------------------------|--------|
| 10084423-102LF | 0.76um, Min.Gold                       | Underplating:2.54um Min.<br>Nickel overall.<br>Solder tail: 3um Min. Matte Tin. |        |
| 10084423-202LF | 0.38um Min. Gold                       | Underplating:2.54um Min.<br>Nickel overall.<br>Solder tail: 3um Min. Matte Tin. |        |
| 10084423-902LF | 0.76um, Min.GXT                        | Underplating:2.54um Min.<br>Nickel overall.<br>Solder tail: 3um Min. Matte Tin. |        |



RECOMMENDED PCB LAYOUT  
CONNECTOR MOUNTING SIDE

|                                      |                                       |       |        |             |                |                                                                                |                        |        |        |                              |       |                     |
|--------------------------------------|---------------------------------------|-------|--------|-------------|----------------|--------------------------------------------------------------------------------|------------------------|--------|--------|------------------------------|-------|---------------------|
| spec ref                             |                                       | *     |        | dr          | Junon Huang    | 2009/04/21                                                                     | projection<br>         | MM<br> | size   | A4                           | scale | 3.000               |
| tolerance std<br>ISO 406<br>ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |        | eng         | De-Feng, Qin   | 2012/03/22                                                                     |                        |        | ecn no | ELX-DG-010777-1              |       |                     |
|                                      |                                       |       |        | chr         | Terry Qiu      | 2012/03/26                                                                     |                        |        |        |                              |       |                     |
|                                      |                                       |       |        | appr        | Pei-Ming Zheng | 2012/03/26                                                                     | product family         |        |        | rel level<br><b>Released</b> |       |                     |
| surface<br>✓<br><br>ISO 1302         | linear                                | 0.X   | ± 0.25 |             | title          | ASSEMBLY OF STANDARD TYPE, 30 POS.<br><br>RIGHT ANGLE TYPE.EDGE CARD CONNECTOR |                        |        | dwg no | 10084423-102                 |       | rev<br><br><b>F</b> |
|                                      |                                       | 0.XX  | ± 0.13 |             |                |                                                                                |                        |        |        |                              |       |                     |
|                                      |                                       | 0.XXX | ± 0.05 |             |                |                                                                                |                        |        |        |                              |       |                     |
|                                      |                                       |       |        | www.fci.com | cat. no.       | *                                                                              | Product - Customer Drw |        |        | sheet 2 of 2                 |       |                     |

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