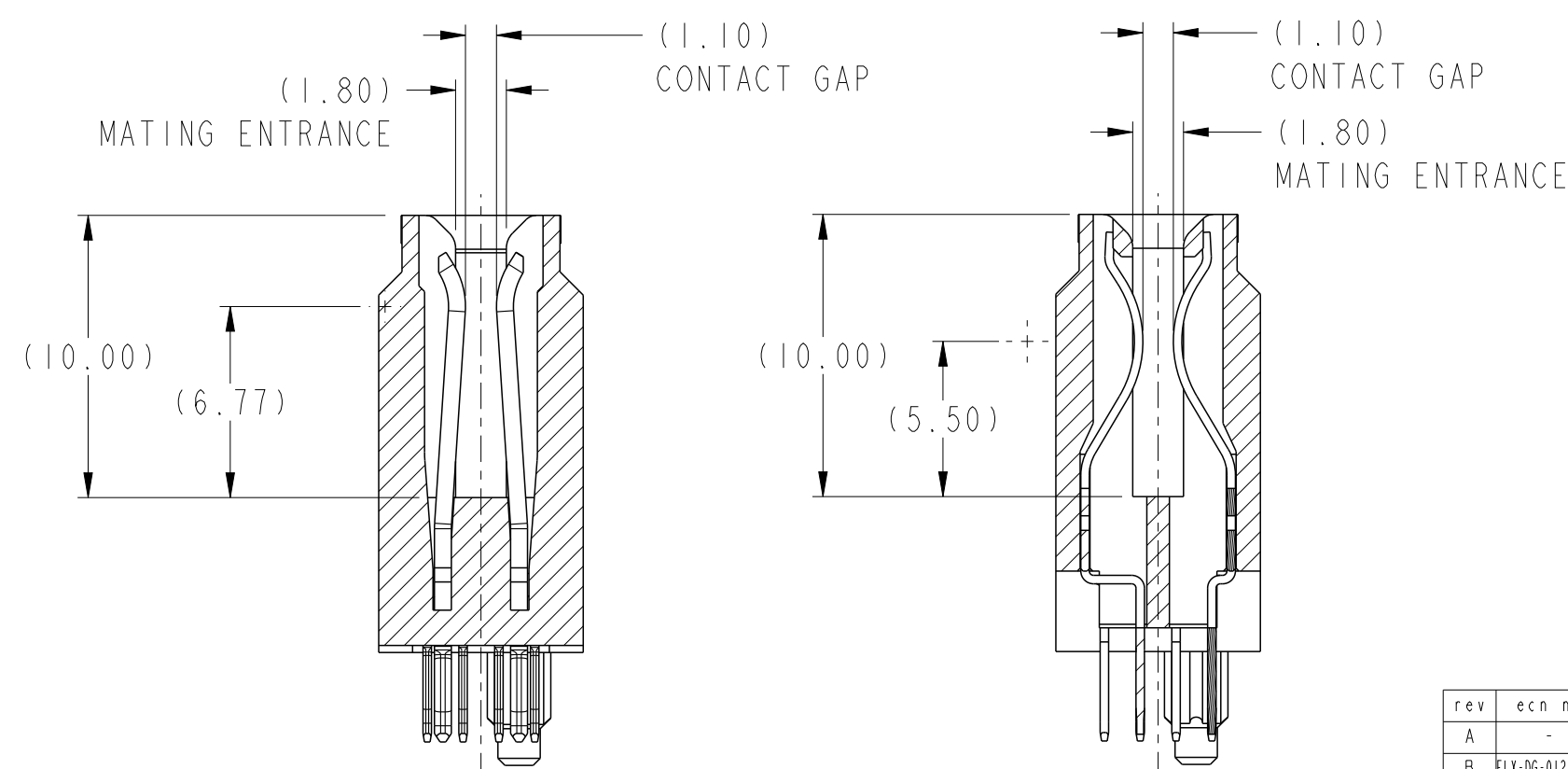
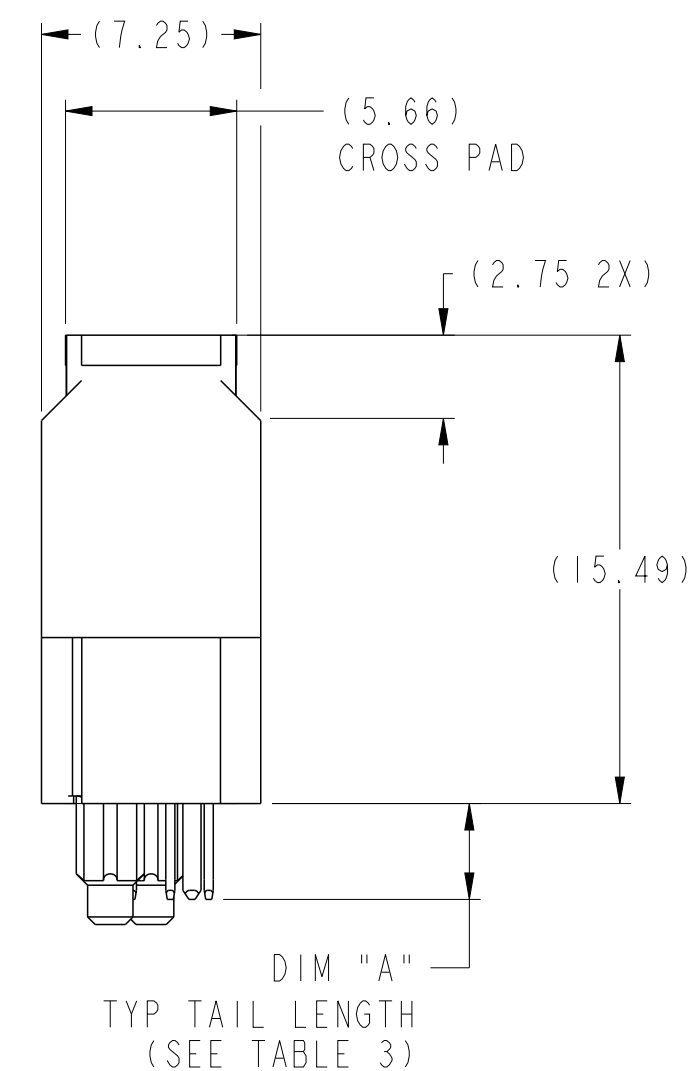


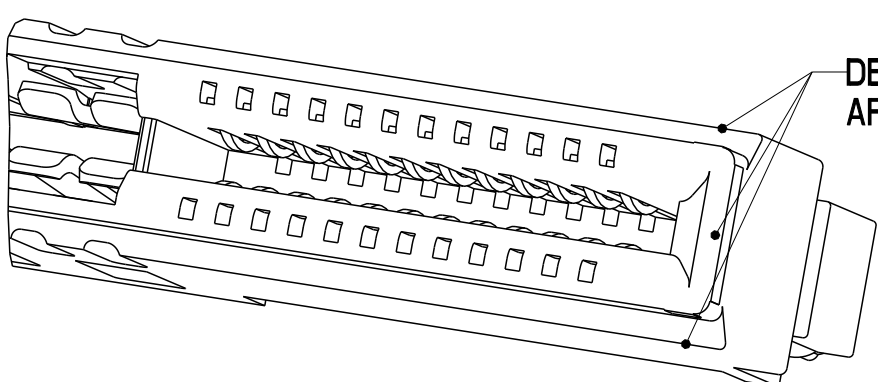
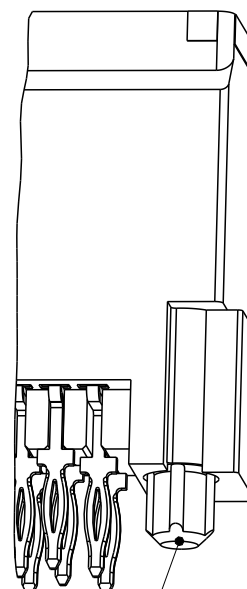


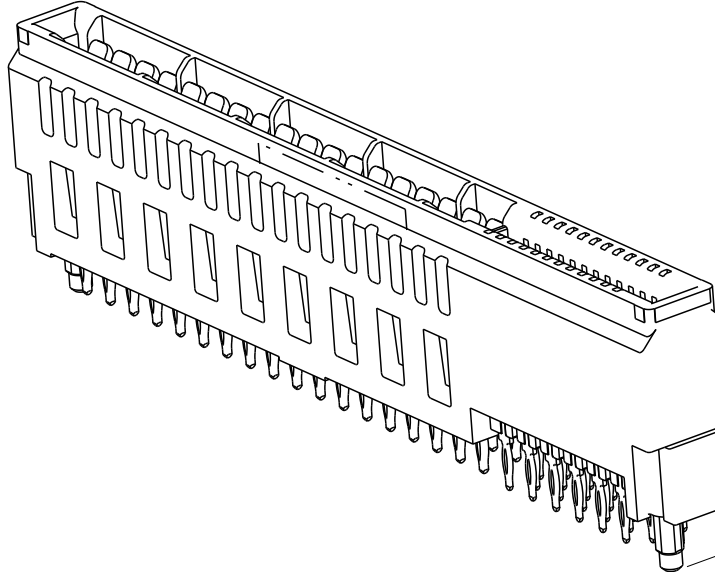
**SECTION D-D**

|     |                 |    |            |                                                                                               |                                       |      |                |                                                                                       |                                                                                       |          |                                                                                       |                                                                                       |           |              |                 |     |
|-----|-----------------|----|------------|-----------------------------------------------------------------------------------------------|---------------------------------------|------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------|--------------|-----------------|-----|
| rev | ecn no          | dr | date       | spec ref -                                                                                    |                                       | dr   | Wei-Long Zhang |                                                                                       | 2011/05/20                                                                            |          | projection                                                                            |                                                                                       | size      |              | scale           |     |
| A   | -               | HZ | 2011-10-27 | tolerance std                                                                                 | -                                     | eng  | Wei-Long Zhang |                                                                                       | 2012/09/17                                                                            |          |  |  | MM        | A2           | 4:1             |     |
| B   | ELX-DG-012747-1 | HZ | 2012-09-06 | -                                                                                             | TOLERANCES UNLESS OTHERWISE SPECIFIED | chr  | -              |                                                                                       | -                                                                                     |          |                                                                                       |                                                                                       |           | ecn no       | ELX-DG-012747-1 |     |
| -   | -               | -  | -          | ASME Y14.5                                                                                    |                                       | appr | Pei-Ming Zheng |                                                                                       | 2012/09/18                                                                            |          | product family                                                                        |                                                                                       | CARD EDGE |              | rel level       |     |
| -   | -               | -  | -          | surface  | linear                                |      |                |  | title                                                                                 |          | VERT RECT (36P 24S)                                                                   |                                                                                       | dwg no    | 10118251     |                 | rev |
| -   | -               | -  | -          |                                                                                               |                                       |      |                |                                                                                       | HIGH POWER CARD EDGE                                                                  |          |                                                                                       |                                                                                       |           |              |                 |     |
| -   | -               | -  | -          |                                                                                               |                                       | 0.X  | ±0.3           |                                                                                       |  | cat. no. | -                                                                                     | Product - Customer Drw                                                                |           | sheet 1 of 4 |                 |     |
| -   | -               | -  | -          |                                                                                               |                                       | 0.XX | ±0.1           |                                                                                       |                                                                                       |          |                                                                                       |                                                                                       |           |              |                 |     |
| -   | -               | -  | -          | 0.XXX                                                                                         | ±0.05                                 |      |                |                                                                                       |                                                                                       |          |                                                                                       |                                                                                       |           |              |                 | B   |
| -   | -               | -  | -          | ASME Y14.5                                                                                    | angular                               | 0°   | ±2°            |                                                                                       | www.fci.com                                                                           |          |                                                                                       |                                                                                       |           |              |                 |     |

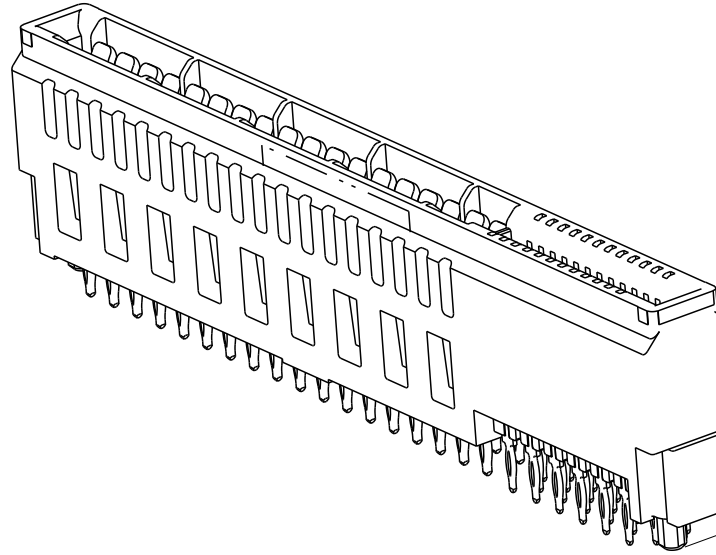




|                                                                                                                                                                                        |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|-----------------------------|-------------------------------------|-------------------------|----------------------------|--|---|--|---|--|---|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 1                                                                                                                                                                                      |           | 2               |                             | 3                                   |                         | 4                          |  | 5 |  | 6 |  | 7 |  | 8                                                                                                                                                                                                                                                 |  |  |  |  |
| HPCE PART NUMBER (TABLE 3)                                                                                                                                                             |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  | <div><p>DETAIL VIEW FOR AROUND ENHANCE WALL</p><p>SHORT PEGS VIEW</p></div> |  |  |  |  |
| PART NUMBER                                                                                                                                                                            | TAIL TYPE | ORIENTATION KEY | DIM "A" TYPICAL TAIL LENGTH | DIM "B" RECOMMENDED BOARD THICKNESS | DIM "C" REF PEGS LENGTH | SPECIFIED APPLICATION TOOL |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-001LF                                                                                                                                                                         | SOLDER    | YES             | 3.17 ±0.25                  | 1.59 - 2.38                         | 4.00                    | NO                         |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-002LF                                                                                                                                                                         | SOLDER    | NO              |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-003                                                                                                                                                                           | PRESS-FIT | YES             | 3.17 ±0.25                  | 1.57 MIN                            | 4.00                    | YES<br>NOTE 11             |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-003LF                                                                                                                                                                         | PRESS-FIT | YES             |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-004                                                                                                                                                                           | PRESS-FIT | NO              |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-004LF                                                                                                                                                                         | PRESS-FIT | NO              | 3.17 ±0.25                  | 1.57 MIN                            | 2.26                    | YES<br>NOTE 11             |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-005LF                                                                                                                                                                         | SOLDER    | YES             |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-006LF                                                                                                                                                                         |           | NO              |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-007LF                                                                                                                                                                         | PRESS-FIT | YES             |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10118251-008LF                                                                                                                                                                         |           | NO              |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| NOTES:                                                                                                                                                                                 |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 1. CONNECTOR MATERIALS:                                                                                                                                                                |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK<br>UL 94V-0 COMPLIANT                                                                                                                 |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| CONTACTS: HIGH PERFORMANCE COPPER ALLOY.                                                                                                                                               |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.                                                                                                                                          |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 3. PRODUCT SPECIFICATION: GS-12-604.                                                                                                                                                   |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 4. APPLICATION SPECIFICATION: GS-20-128.                                                                                                                                               |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.                                                                                                           |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.                                                                                                                                        |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.                                          |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.                                                                                     |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.                                                                                                                                             |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 10. MOUNTING HOLES ARE UNPLATED<br>Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS<br>Ø 2.10 +/- 0.1 FOR SOLDER TAILS<br>Ø 2.18 +/- 0.03 FOR SOLDER TAILS WITH LOW INSERTION FORCE CREATED BY PEGS. |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |
| 11. APPLICATION TOOL DRAWING: 10119453.                                                                                                                                                |           |                 |                             |                                     |                         |                            |  |   |  |   |  |   |  |                                                                                                                                                                                                                                                   |  |  |  |  |



LONG PEGS FOR P/Ns  
10118251-001LF/002LF/003/003LF/004/004LF



SHORT PEGS FOR P/Ns  
10118251-005LF/006LF/007LF/008LF

4.00 REF PEGS LENGTH (SEE TABLE 3)

2.26 REF PEGS LENGTH (SEE TABLE 3)

|             |                |                                             |                |                        |           |                 |          |     |
|-------------|----------------|---------------------------------------------|----------------|------------------------|-----------|-----------------|----------|-----|
| dr          | Wei-Long Zhang | 2011/09/20                                  | projection     | MM                     | size      | A2              | scale    | 4:1 |
| eng         | Wei-Long Zhang | 2012/09/17                                  |                |                        | ecn no    | ELX-DG-012747-1 |          |     |
| chr         | -              | -                                           |                |                        |           |                 |          |     |
| appr        | Pei-Ming Zheng | 2012/09/18                                  | product family | CARD EDGE              | rel level | Released        |          |     |
| FCI         |                | VERT RECT (36P 24S)<br>HIGH POWER CARD EDGE |                |                        | dwg no    |                 | 10118251 |     |
| www.fci.com |                | cat. no.                                    | -              | Product - Customer Drw |           | sheet 4 of 4    |          |     |

PDS: Rev :B

STATUS:Released

Printed: Sep 18, 2012

# Mouser Electronics

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