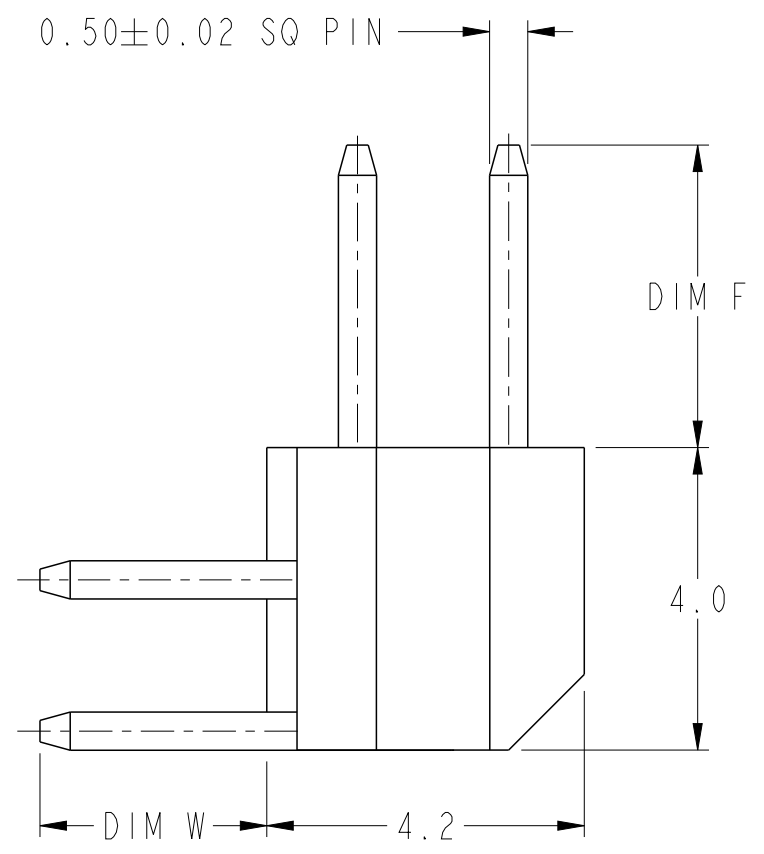
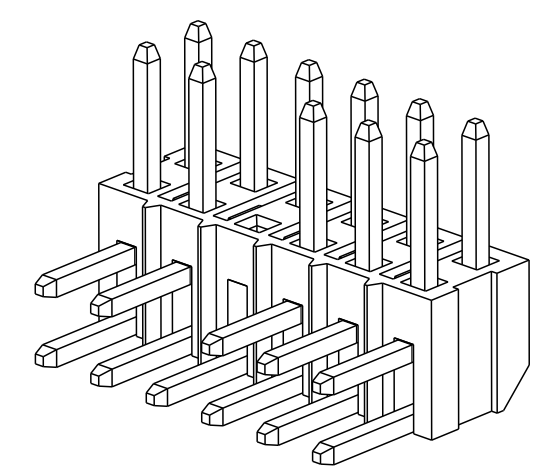
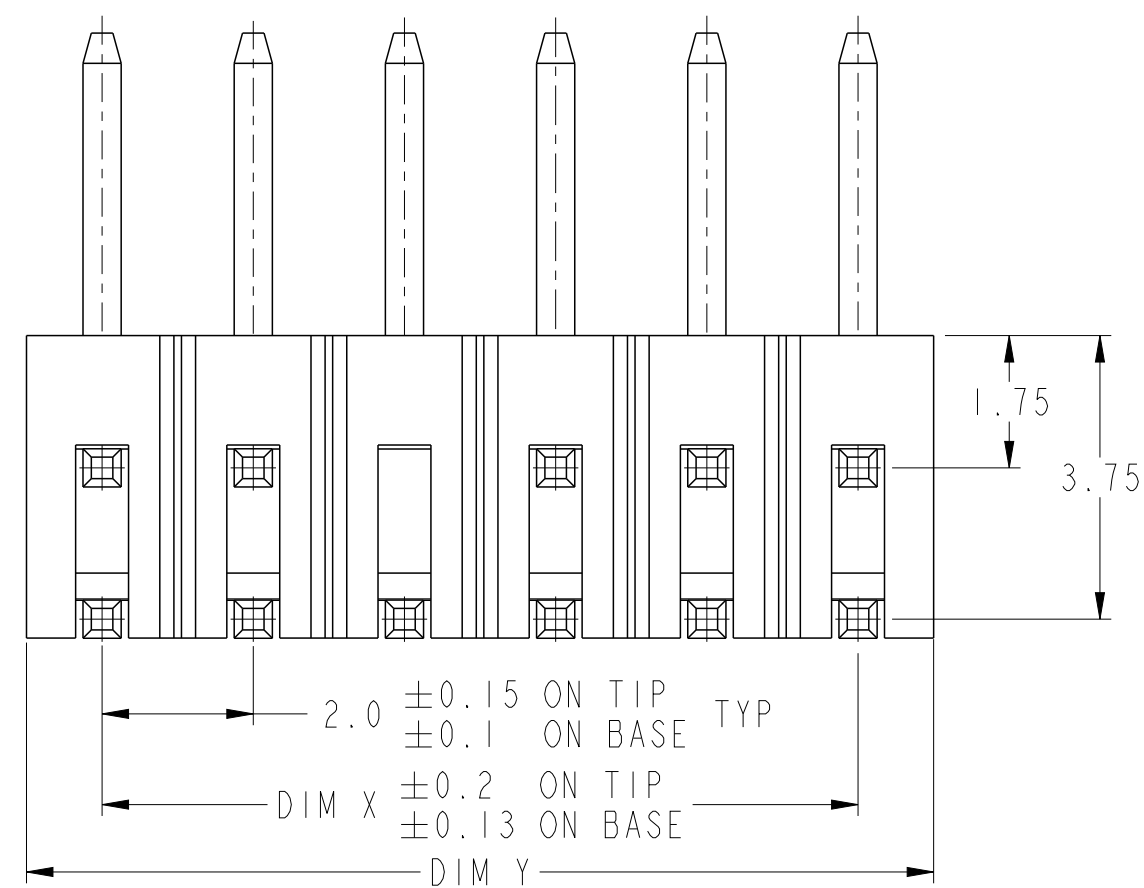
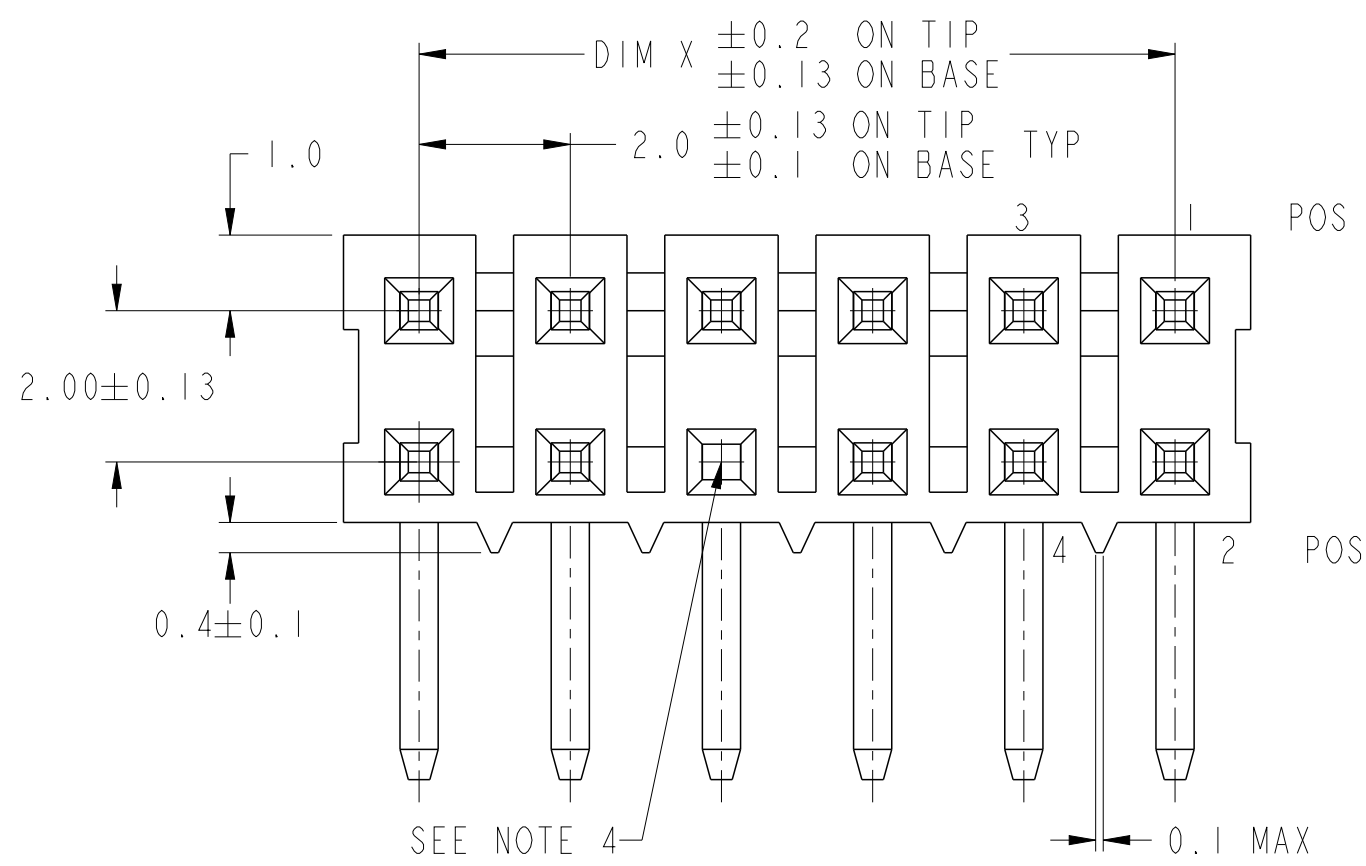




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|               |                                                 |       |                          |            |                |                        |              |               |           |          |
|---------------|-------------------------------------------------|-------|--------------------------|------------|----------------|------------------------|--------------|---------------|-----------|----------|
| spec ref      | -                                               | dr    | Andrew Yong              | 2010/10/21 | projection     | MM                     | size         | A3            | scale     | 5:1      |
| tolerance std | ISO 406<br>ISO 1101                             | eng   | Guo-Min Sun              | 2014/02/25 | chr            | -                      | ecn no       | ELX-N-17048-1 | rel level | Released |
| surface       | ISO 1302                                        | appr  | Rick Bian                | 2014/02/26 | product family | MINITEK                | dwg no       | 94278         | rev       | AA       |
| linear        | 0.X $\pm$ -<br>0.XX $\pm 0.25$<br>0.XXX $\pm$ - | title | MINITEK II<br>R/A HEADER | cat. no.   | -              | Product - Customer Drw | sheet 1 of 3 |               |           |          |
| angular       | 0° $\pm$ -°                                     |       |                          |            |                |                        |              |               |           |          |

| 1          |                               | 2    |                                                                             |       |       | 3     |           | 4                                                                            |  |
|------------|-------------------------------|------|-----------------------------------------------------------------------------|-------|-------|-------|-----------|------------------------------------------------------------------------------|--|
| PRODUCT NO | PRODUCT NO<br>NOTES 5,6,7 & 8 | POS  | POL. POS                                                                    | DIM X | DIM Y | DIM F | DIM W     | PLATING                                                                      |  |
| 94278-001  | 94278-001LF                   | 2X10 | 8                                                                           | 18    | 20    | 4.0   | 1.2 ±0.13 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -002       | 002LF                         | 2X4  | 4                                                                           | 6     | 8     | 4.0   | 1.2 ±0.13 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -003       | 003LF                         | 2X7  | 4                                                                           | 12    | 14    | 4.0   | 1.2 ±0.13 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -004       | 004LF                         | 2X10 | 8                                                                           | 18    | 20    | 4.0   | 3.0 ±0.4  | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -005       | 005LF                         | 2X6  | 8                                                                           | 10    | 12    | 4.0   | 3.0 ±0.4  | 0.76µm Au OVER Ni                                                            |  |
| -006       | 006LF                         | 2X3  | 4                                                                           | 4     | 6     | 4.0   | 3.0 ±0.4  | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -007       | 007LF                         | 2X4  | 4                                                                           | 6     | 8     | 4.0   | 3.0 ±0.4  | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -008       | 008LF                         | 2X13 | 15                                                                          | 24    | 26    | 4.0   | 3.0 ±0.4  | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -009       | 009LF                         | 2X6  | 10                                                                          | 10    | 12    | 4.0   | 1.2 ±0.13 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -010       | 010LF                         | 2X25 | -                                                                           | 48    | 50    | 3.0   | 3.0 ±0.25 | 0.2µm Au OVER Ni                                                             |  |
| -011       | 011LF                         | 2X22 | -                                                                           | 42    | 44    | 7.0   | 3.0 ±0.25 | 0.2µm Au OVER Ni                                                             |  |
| -012       | 012LF                         | 2X20 | -                                                                           | 38    | 40    | 4.0   | 1.4 ±0.13 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -013       | 013LF                         | 2X4  | -                                                                           | 6     | 8     | 8.0   | 3.0 ±0.25 | 0.76µm Au OVER Ni                                                            |  |
| -014       | 014LF                         | 2X22 | 25                                                                          | 42    | 44    | 4.0   | 3.0 ±0.25 | 0.2µm Au OVER Ni                                                             |  |
| -015       | 015LF                         | 2X10 | -                                                                           | 18    | 20    | 4.0   | 4.3 ±0.25 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -016       | 016LF                         | 2X15 | -                                                                           | 28    | 30    | 8.0   | 3.0 ±0.25 | 0.2µm Au OVER Ni                                                             |  |
| -017       | 017LF                         | 2X25 | 23,50                                                                       | 48    | 50    | 4.0   | 2.5 ±0.25 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -018       | 018LF                         | 2X3  | -                                                                           | 4     | 6     | 4.0   | 1.9 ±0.13 | 0.38µm PdNi W Au FLASH OVER Ni                                               |  |
| -019       | 019LF                         | 2X23 | 1,2,45,46                                                                   | 44    | 46    | 4.0   | 1.2 ±0.13 | 0.2µm Au OVER Ni                                                             |  |
| -020       | 020LF                         | 2X23 | 1,2,7,8,9,10,14,17,<br>18,19,20,21,22,26,<br>29,30,31,32,33,34,<br>40,45,46 | 44    | 46    | 4.0   | 1.2 ±0.13 | 0.2µm Au OVER Ni                                                             |  |
| -021       | 021LF                         | 2X25 | -                                                                           | 48    | 50    | 2.2   | 2.2 ±0.13 | 0.2µm Au OVER Ni (CONTACT)<br>2.54-5.08µm MATTE TIN<br>(SOLDER TAIL) OVER Ni |  |
| -022       | 022LF                         | 2X4  | -                                                                           | 6     | 8     | 9.5   | 3.0 ±0.25 | 0.76µm GXT ON CONTACT AREA (DIM F)                                           |  |
| -023       | 023LF                         | 2X25 | -                                                                           | 48    | 50    | 9.5   | 3.0 ±0.25 | 0.76µm Au OVER Ni                                                            |  |
| -024       | 024LF                         | 2X4  | -                                                                           | 6     | 8     | 3.0   | 3.0 ±0.25 | 0.76µm Au OVER Ni                                                            |  |
| -025       | 025LF                         | 2X13 | -                                                                           | 24    | 26    | 3.0   | 3.0 ±0.25 | 0.76µm Au OVER Ni                                                            |  |
| -026       | 026LF                         | 2X25 | -                                                                           | 48    | 50    | 2.4   | 2.2 ±0.13 | 2.54-5.08µm MATTE TIN<br>(CONTACT & SOLDER TAIL) OVER Ni                     |  |

|               |                                       |      |             |             |                        |                                |                        |                    |
|---------------|---------------------------------------|------|-------------|-------------|------------------------|--------------------------------|------------------------|--------------------|
| spec ref -    |                                       | dr   | Andrew Yong | 2010/10/21  |                        |                                | size A3                | scale 5:1          |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng  | Guo-Min Sun | 2014/02/25  |                        |                                |                        |                    |
|               |                                       | chr  | -           | -           |                        |                                |                        |                    |
| ISO 406       |                                       | appr | Rick Bian   | 2014/02/26  | product family MINITEK |                                | ecn no ELX-N-17048-1   | rel level Released |
| ISO 1101      |                                       |      |             |             |                        | title MINITEK II<br>R/A HEADER | dwg no 94278           | rev AA             |
| surface       | linear                                | 0.X  | ±-          |             |                        |                                |                        |                    |
|               |                                       | 0.XX | ±0.25       |             |                        |                                |                        |                    |
| ISO 1302      | angular                               | 0°   | ±-°         | www.fci.com |                        | cat. no. -                     | Product - Customer Drw |                    |
|               |                                       |      |             |             |                        |                                | sheet 2 of 3           |                    |

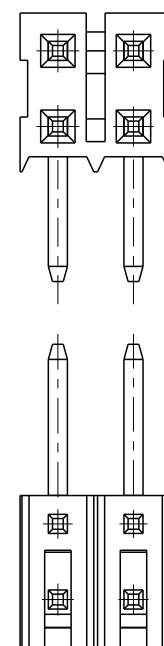
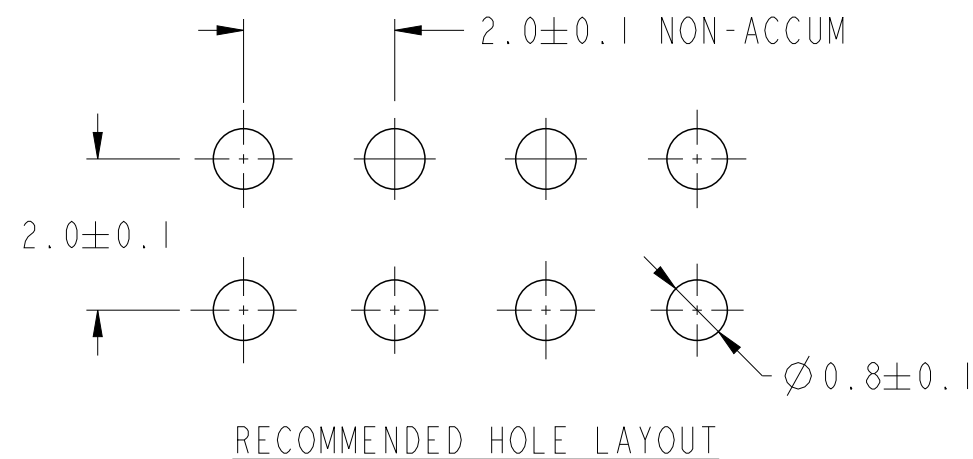
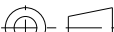


FIG. 1  
SEE NOTE 3

# NOTES:

1. MATERIAL:  
BODY : HIGH TEMPERATURE PLASTIC UL 94V-0 BLACK  
PIN : COPPER ALLOY
2. TOLERANCE UNLESS OTHERWISE NOTED  $\pm 0.25$
3. STAND-OFF DESIGN FOR 2X2 POS. REFERS TO FIG. 1.
4. POLARISED BY OMISSION OF PINS. REFER TO TABLE FOR POSITION.
5. 94278-XXXLF IS SAME TO 94278-XXX. THE 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDERING APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

|                                                                                               |         |       |       |                                                                                       |                                |            |                        |                                                                                                  |                                                                                          |                      |           |  |
|-----------------------------------------------------------------------------------------------|---------|-------|-------|---------------------------------------------------------------------------------------|--------------------------------|------------|------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------|-----------|--|
| spec ref -                                                                                    |         |       |       | dr Andrew Yong                                                                        |                                | 2010/10/21 |                        | projection  | MM  | size A3              | scale 5:1 |  |
| tolerance std                                                                                 |         |       |       | eng Guo-Min Sun                                                                       |                                | 2014/02/25 |                        |                                                                                                  |                                                                                          | ecn no ELX-N-17048-1 |           |  |
| ISO 406<br>ISO 1101                                                                           |         |       |       | chr -                                                                                 |                                | -          |                        |                                                                                                  |                                                                                          | rel level Released   |           |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                         |         |       |       | appr Rick Bian                                                                        |                                | 2014/02/26 |                        | product family MINITEK                                                                           |                                                                                          |                      |           |  |
| surface  | linear  | 0.X   | ± -   |  | title MINITEK II<br>R/A HEADER |            |                        |                                                                                                  |                                                                                          | dwg no 94278         | rev AA    |  |
|                                                                                               |         | 0.XX  | ±0.25 |                                                                                       |                                |            |                        |                                                                                                  |                                                                                          |                      |           |  |
|                                                                                               |         | 0.XXX | ± -   |                                                                                       |                                |            |                        |                                                                                                  |                                                                                          |                      |           |  |
| ISO 1302                                                                                      | angular | 0°    | ± -°  | www.fci.com                                                                           | cat. no. -                     |            | Product - Customer Drw |                                                                                                  |                                                                                          | sheet 3 of 3         |           |  |