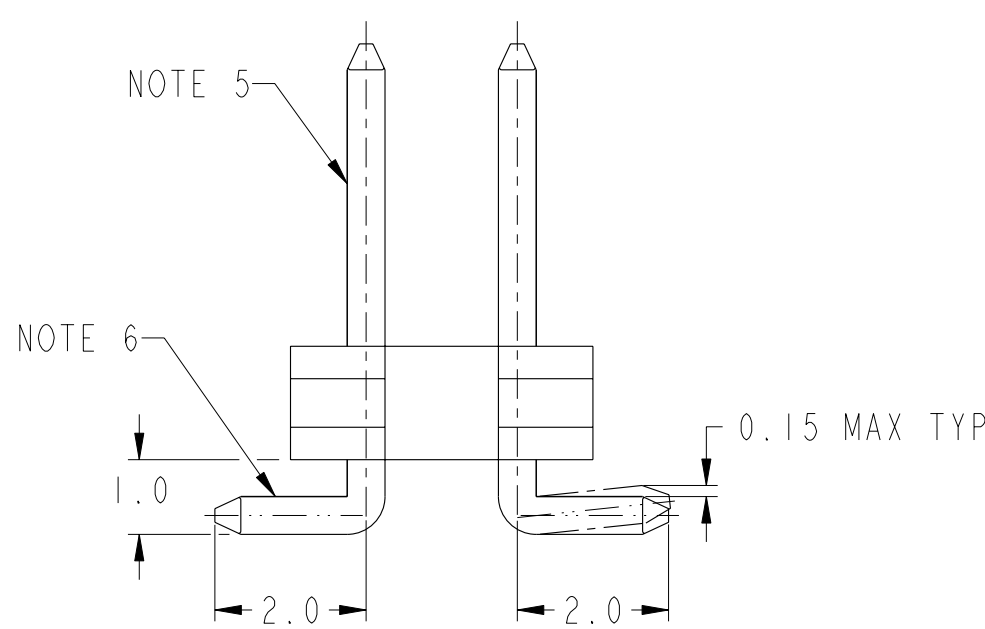
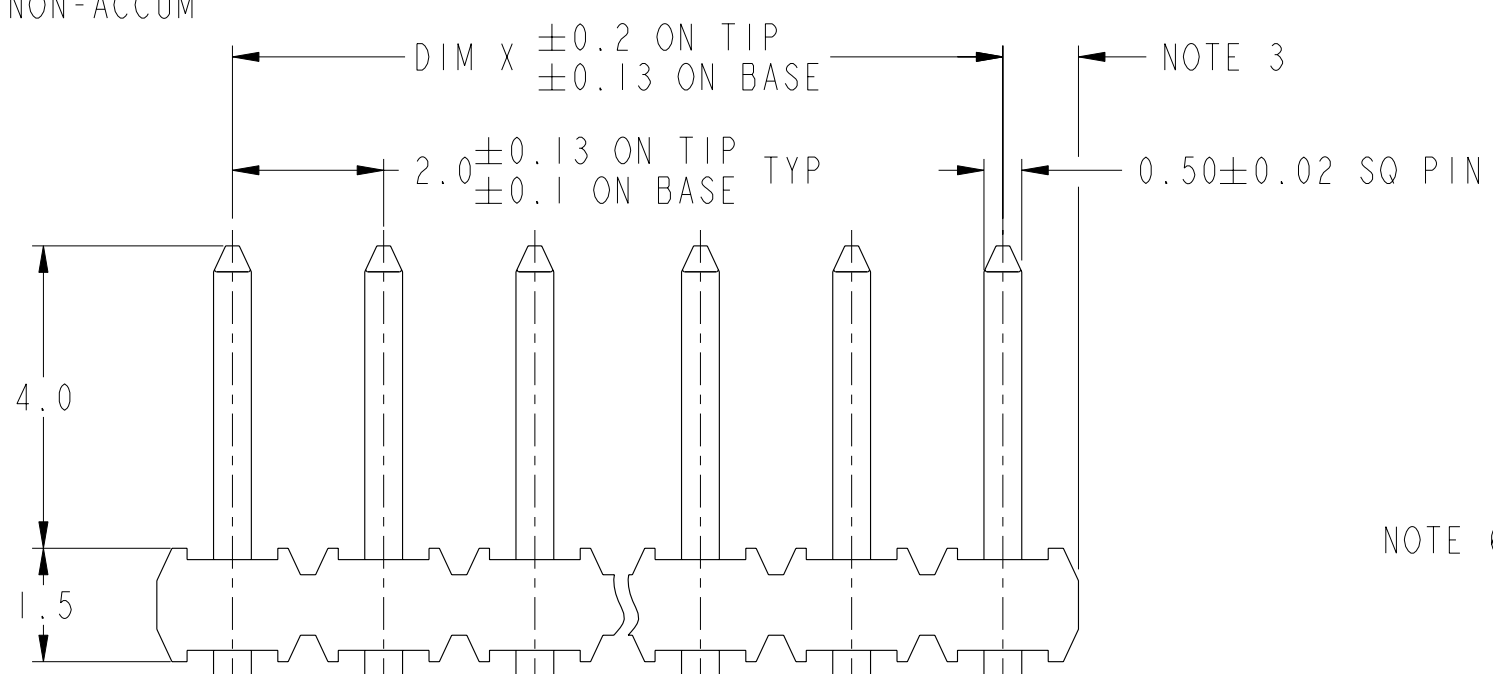
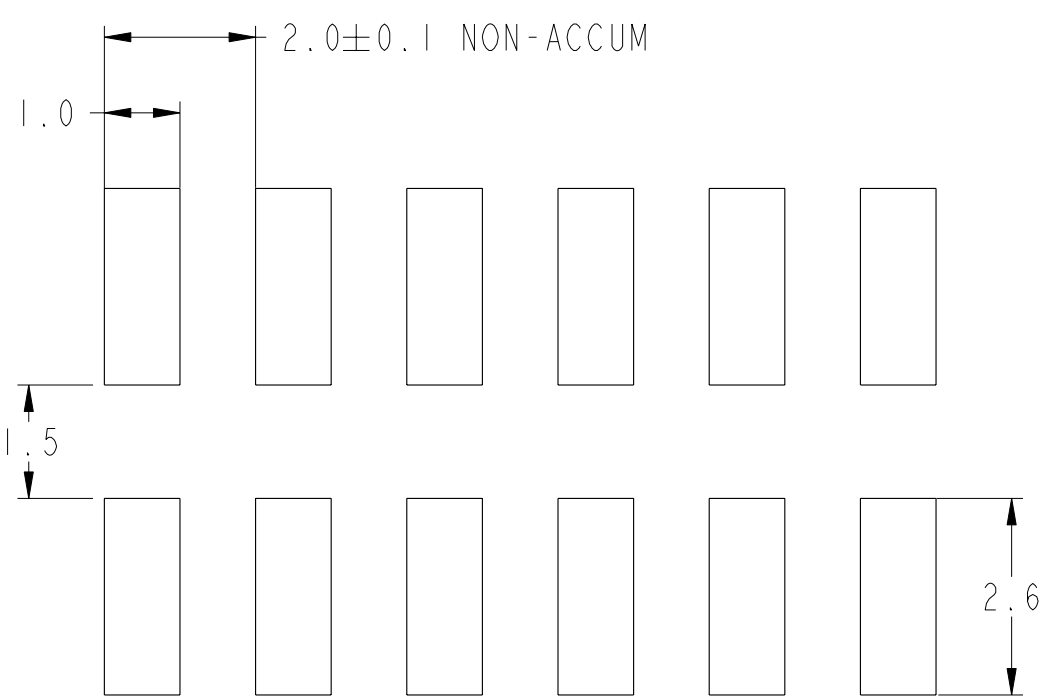
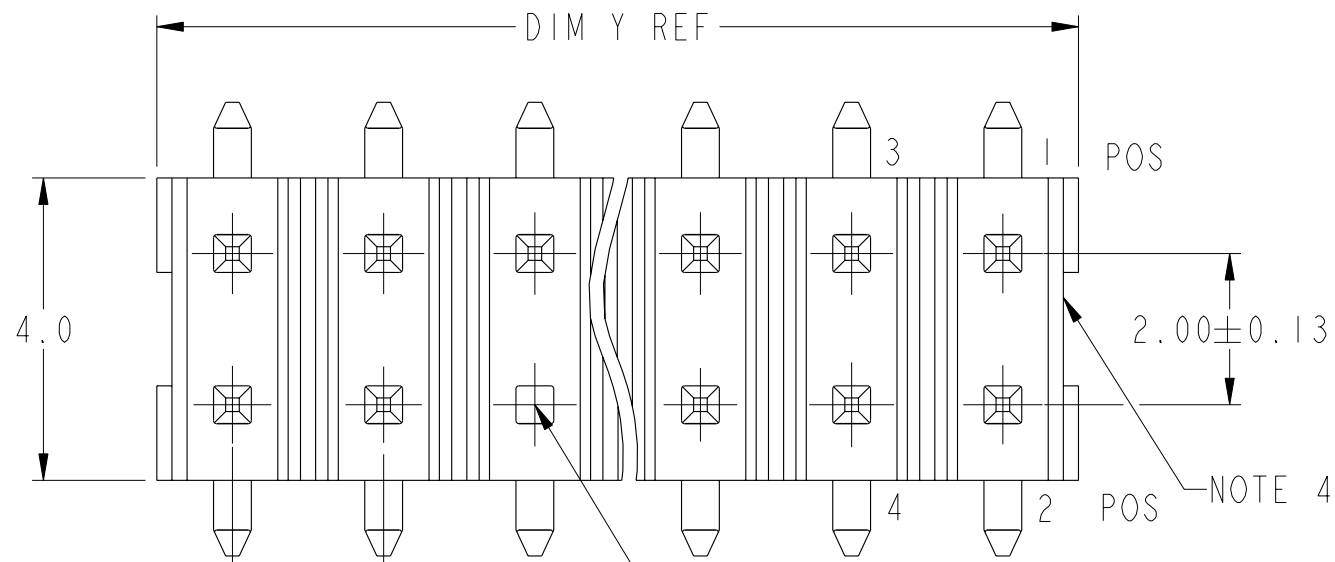




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NOTE 9  
0.10

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| rev | ecn no   | dr   | date       |
|-----|----------|------|------------|
| E   | S20062   | JPEH | 2002/06/06 |
| F   | S04-0172 | JPEH | 2004/08/11 |
| G   | S04-0224 | KBM  | 2004/10/25 |
| H   | S05-0060 | KBM  | 2005/02/28 |
| J   | S06-0236 | KHL  | 2006/07/17 |
| K   | S10-0205 | PR   | 2009/12/17 |
| -   | -        | -    | -          |

|                    |         |            |                                                        |                                |            |              |
|--------------------|---------|------------|--------------------------------------------------------|--------------------------------|------------|--------------|
| www.fciconnect.com |         |            | surface - <input checked="" type="checkbox"/> ISO 1302 | tolerance std ISO 406 ISO 1101 | projection | MM           |
|                    |         |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                  |                                |            |              |
| Dr                 | JPEH    | 2002/06/06 | ANGULAR                                                | LINEAR                         | 0.X        | ±-           |
| Eng                | JPEH    | 2004/08/11 |                                                        |                                | 0.XX       | ±0.25        |
| Chr                | KH LEE  | 2009/12/17 | 0° ±3°                                                 |                                | 0.XXX      | ±-           |
| Appr               | JOEY NG | 2009/12/17 | Product family                                         |                                |            | ECN S10-0205 |
|                    |         |            | MINITEK                                                |                                |            | Spec ref -   |
|                    |         |            | POL. MINITEK II                                        |                                |            | Rev. K       |
|                    |         |            | SMT STR HEADER (DUPLEX)                                |                                |            |              |
|                    |         |            | catalog no                                             |                                |            |              |
|                    |         |            | CUSTOMER                                               |                                |            | sheet 1 of 2 |



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A

B

C

D

| PRODUCT NO.<br>SEE NOTE 8 | POS  | POL. POS       | DIM X | DIM Y |
|---------------------------|------|----------------|-------|-------|
| 61698-X01                 | 2X22 | 20             | 42    | 44    |
| -X02                      | 2X13 | 1              | 24    | 26    |
| -X03                      | 2X16 | 3, 4, 5, 6, 32 | 30    | 32    |

NOTES:

- MATERIAL:  
BODY : HIGH TEMPERATURE THERMOPLASTIC UL 94V-0 BLACK  
PIN : COPPER ALLOY
- TOLERANCE UNLESS OTHERWISE NOTED  $\pm 0.25$
- DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY.  
IF SIDE(S) ARE BROKEN, DIM 1.5 MAX APPLIES.
- RECESS APPLIES TO MOLDED SIDE(S) ONLY.
- PLATING ON MATING LENGTH:  
-3XX --- 0.38 $\mu$ m Au OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.  
-5XX --- 0.38 $\mu$ m PdNi W Au FLASH OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.  
-6XX --- 0.76 $\mu$ m PdNi W Au FLASH OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.
- SOLDER TAIL PLATING:  
a) SOLDER TAIL OF P/N:61698-XXX IS 3.81 $\mu$ m MIN TIN/LEAD (90/10) PLATED OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE.  
b) SOLDER TAIL OF P/N:61698-XXXLF IS 2.54 $\mu$ m MIN 100% MATTE TIN PLATED OVER 1.27 $\mu$ m MIN NICKEL UNDERPLATE (LEADFREE).
- PACKAGING:  
a) STANDARD PACKAGING IN PLASTIC BAG.  
b) SPECIFY 61698-XXXT FOR TUBE PACKAGING.  
c) SPECIFY 61698-XXXTR FOR TAP AND REEL PACKAGING.  
A PICK-UP CAP IS PROVIDED IN THE CENTRE OF THE PRODUCT (SEE FIG.1) FOR PICK AND PLACE APPLICATION.  
d) SPECIFY 61698-XXXTC FOR TUBE PACKAGING WITH PICK-UP CAP IN CENTRE OF PRODUCT(SEE FIG.1).

PICK-UP CAP

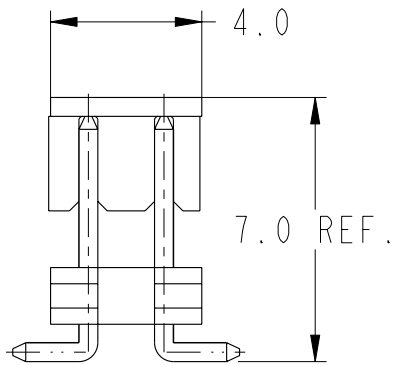
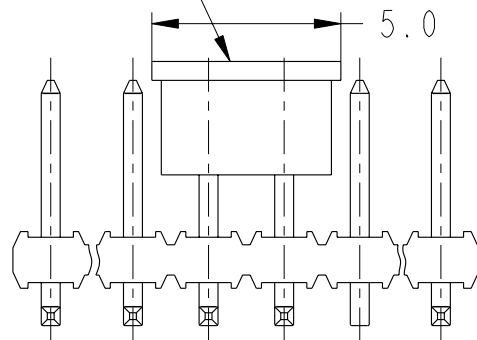
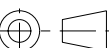


FIG. 1  
NOTE 7 (c)&(d)  
SCALE 5:1

- PART NUMBER INFORMATION  
61698-XYZZZLF  
LEAD FREE. SEE NOTES 6b, 12  
TYPE OF PACKAGING SEE NOTE 7  
DASH NUMBER  
PLATING AT MATING. SEE NOTE 5  
BASE NUMBER
- COPLANARITY OF SOLDER LEADS TO BE WITHIN 0.10mm.
- POLARISED BY OMISSION OF PINS. REFER TO TABLE FOR POL. POS.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 255°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- A  $\triangle K$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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|                                                                                       |         |            |                                                     |  |                                          |                     |                                                                                                     |  |                                                                                             |               |
|---------------------------------------------------------------------------------------|---------|------------|-----------------------------------------------------|--|------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|---------------|
| www.fciconnect.com                                                                    |         |            | surface<br>ISO 1302                                 |  | - ✓<br>tolerance std<br>ISO 406 ISO 1101 |                     | projection<br> |  | MM<br> |               |
|                                                                                       |         |            | TOLERANCES UNLESS OTHERWISE SPECIFIED               |  |                                          |                     |                                                                                                     |  |                                                                                             |               |
| Dr                                                                                    | JPEH    | 2002/06/06 | ANGULAR<br><br>LINEAR                               |  | 0.X                                      |                     | ±-                                                                                                  |  | size<br><br>A3                                                                              | Scale<br>10:1 |
| Eng                                                                                   | JPEH    | 2004/08/11 |                                                     |  | 0.XX                                     |                     | ±0.25                                                                                               |  |                                                                                             |               |
| Chr                                                                                   | KH LEE  | 2009/12/17 |                                                     |  | 0°                                       | ±3°                 | 0.XXX                                                                                               |  | ±-                                                                                          |               |
| Appr                                                                                  | JOEY NG | 2009/12/17 | Product family                                      |  |                                          |                     | MINITEK                                                                                             |  | Spec ref -                                                                                  |               |
|  |         |            | title<br>POL. MINITEK II<br>SMT STR HEADER (DUPLEX) |  |                                          | dwg no<br><br>61698 |                                                                                                     |  | Rev.<br><br>K                                                                               |               |
| catalog no                                                                            |         |            |                                                     |  |                                          |                     |                                                                                                     |  |                                                                                             |               |