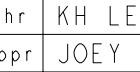


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|                    |          |     |            |  |         |            |                |          |          |              |          |       |      |
|--------------------|----------|-----|------------|--|---------|------------|----------------|----------|----------|--------------|----------|-------|------|
| www.fciconnect.com |          |     |            | surface  | -       | ✓          | tolerance std  | ISO 406  | ISO 1101 | projection   | MM       |       |      |
|                    |          |     |            | ISO 1302   |         |            |                |          |          |              |          |       |      |
|                    |          |     |            | TOLERANCES UNLESS OTHERWISE SPECIFIED  |         |            |                |          |          |              |          |       |      |
| rev                | ecn no   | dr  | date       | Dr   | ML CHWA | 1994-10-24 | ANGULAR        | LINEAR   | 0.X      | ±-           | size     | Scale |      |
| A                  | S40256   | BSL | 1996-10-24 | Eng  | BS LOW  | 1994-10-27 |                |          | 0.XX     | ±0.25        |          | A3    | 10:1 |
| B                  | S05-0002 | KBM | 2005-01-05 | Chr  | KH LEE  | 2010-01-13 |                |          | 0°       | ±°           |          | 0.XXX | ±-   |
| C                  | S10-0205 | PR  | 2010-01-13 | Appr   | JOEY NG | 2010-01-13 | Product family |          |          | MINITEK      | Spec ref | -     |      |
| -                  | -        | -   | -          |  MINITEK II<br>SMT STR HEADER |         |            | dwg            | 94270    |          |              | Rev.     |       |      |
| -                  | -        | -   | -          |  |         |            |                |          |          |              | C        |       |      |
| -                  | -        | -   | -          | catalog no   |         |            | -              | CUSTOMER |          | sheet 1 of 2 |          |       |      |

| PRODUCT NO. | POS  | DIM X | DIM Y |
|-------------|------|-------|-------|
| 94270-X04   | 2X2  | 2     | 4     |
| -X06        | 2X3  | 4     | 6     |
| -X08        | 2X4  | 6     | 8     |
| -X10        | 2X5  | 8     | 10    |
| -X12        | 2X6  | 10    | 12    |
| -X14        | 2X7  | 12    | 14    |
| -X16        | 2X8  | 14    | 16    |
| -X18        | 2X9  | 16    | 18    |
| -X20        | 2X10 | 18    | 20    |
| -X22        | 2X11 | 20    | 22    |
| -X24        | 2X12 | 22    | 24    |
| -X26        | 2X13 | 24    | 26    |
| -X28        | 2X14 | 26    | 28    |
| -X30        | 2X15 | 28    | 30    |
| -X32        | 2X16 | 30    | 32    |
| -X34        | 2X17 | 32    | 34    |
| -X36        | 2X18 | 34    | 36    |
| -X38        | 2X19 | 36    | 38    |
| -X40        | 2X20 | 38    | 40    |
| -X42        | 2X21 | 40    | 42    |
| -X44        | 2X22 | 42    | 44    |
| -X46        | 2X23 | 44    | 46    |
| -X48        | 2X24 | 46    | 48    |
| -X50        | 2X25 | 48    | 50    |

## NOTES:

1. MATERIAL:  
BODY : HIGH TEMPERATURE PLASTIC UL 94V-0 BLACK  
PIN : COPPER ALLOY
2. TOLERANCE UNLESS OTHERWISE NOTED  $\pm 0.25$
3. DIM  $1.0 \pm 0.15$  APPLIES TO MOLDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM  $1.5$  MAX APPLIES.
4. RECESS APPLIES TO MOLDED SIDE(S) ONLY.
5. PACKAGING:
  - a) STANDARD PACKAGING IN PLASTIC BAG.
  - b) SPECIFY 94270-XXXT FOR TUBE PACKAGING.
  - c) SPECIFY 94270-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. PLEASE CHECK WITH FACTORY ON AVAILABILITY OF TAPE & REEL PACKAGING.

6. COPLANARITY OF SOLDER LEADS TO BE WITHIN  $0.10\text{mm}$ .
7. 94270-XXXLF IS SAME AS 94270-XXX. THE SUFFIX 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO  $255^\circ\text{C}$  PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO  $260^\circ\text{C}$  PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

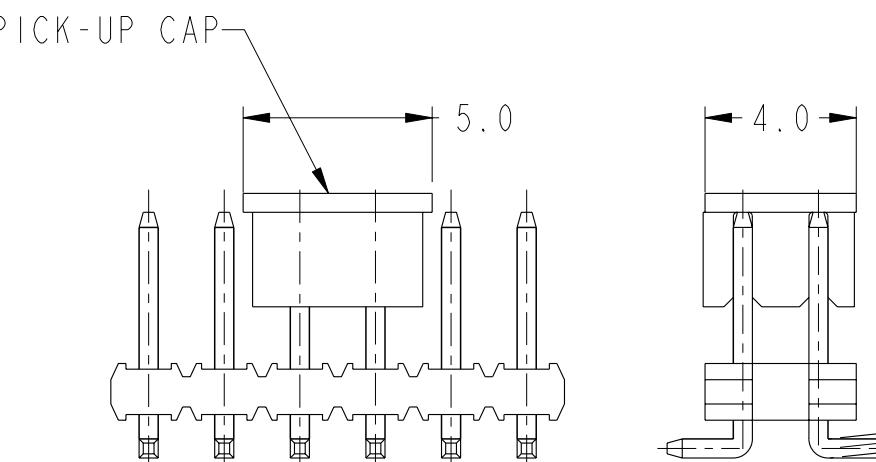
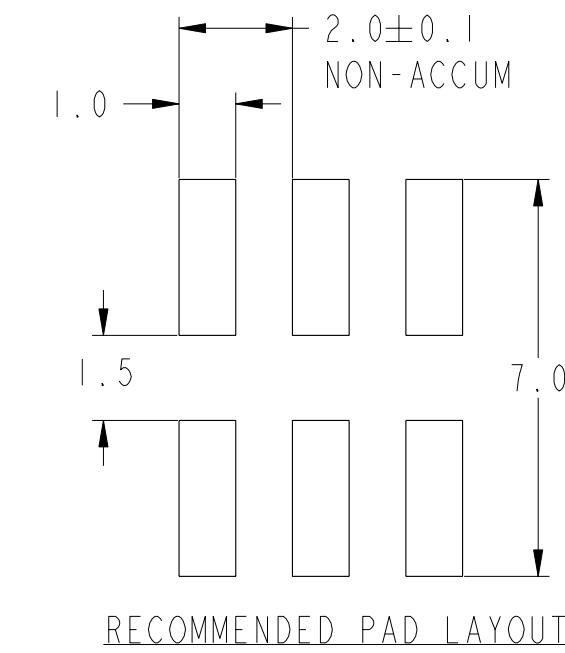


FIG. 1  
NOTE 5(c)  
SCALE 5:1

| PLATING | DESCRIPTION                               |
|---------|---|
| 0       | $0.2\mu\text{m}$ Au OVER Ni               |
| 1       | $0.76\mu\text{m}$ Au OVER Ni              |
| 3       | $0.38\mu\text{m}$ Au OVER Ni              |
| 5       | $0.38\mu\text{m}$ PdNi W Au FLASH OVER Ni |
| 6       | $0.76\mu\text{m}$ PdNi W Au FLASH OVER Ni |



## PART NUMBER INFORMATION

XXXXX-XXXLF  
BASE P/N   LEAD FREE SEE NOTE 7  
TERMINAL PLATING

| www.fciconnect.com  |         |            | surface                               | -      | tolerance std      | projection  | MM           |  |  |
|---|---------|------------|---------------------------------------|--------|--------------------|---|--------------|--|--|
| Dr  | ML CHWA | 1994-10-24 | ISO 1302                              |        | ✓ ISO 406 ISO 1101 |   |              |  |  |
| Eng   | BS LOW  | 1994-10-27 | TOLERANCES UNLESS OTHERWISE SPECIFIED |        |                    |   |              |  |  |
| Chr   | KH LEE  | 2010-01-13 | ANGULAR                               | LINEAR | 0.X                |  | Scale 10:1   |  |  |
|   |         |            |                                       |        | 0.XX               | $\pm 0.25$  |              |  |  |
| Appr  | JOEY NG | 2010-01-13 | Product family                        |        | 0.XXX              | $\pm$   | ECN S10-0205 |  |  |
|   |         |            | MINITEK                               |        | MINITEK            | Spec ref  |              |  |  |
|  |         |            | MINITEK II                            |        | dwg no 94270       |   | Rev. C       |  |  |
| SMT STR HEADER  |         |            | catalog no                            |        | -                  |   | CUSTOMER     |  |  |
| REV F - 2006-04-17  |         |            | -                                     |        | sheet 2 of 2       |   |              |  |  |

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