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| 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    |

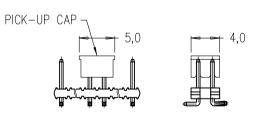


FIG. 1 NOTE 5 (c) PART NUMBER INFORMATION XXXXX-XXXLF BASE P/N — -LEAD FREE (7) TERMINAL PLATING

## NOTES

1 | 2

1 MATERIAL

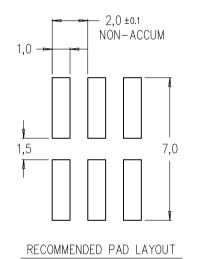
BODY: HIGH TEMPERATURE PLASTIC UL 94V-O BLACK

PIN : COPPER ALLOY

- 2 TOLERANCE UNLESS OTHERWISE NOTED ±0,25
- 3 DIM 1,0 ±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 TAPE 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.
- COPLANARITY OF SOLDER LEADS TO BE WITHIN 0.10mm.
- 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° C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

| PLATING | DESCRIPTION                    |
|---------|--------------------------------|
| 0       | 0.2um Au OVER Ni               |
| 1       | 0.76um Au OVER Ni              |
| 3       | 0.38um Au OVER Ni              |
| 5       | 0.38um PdNi W Au FLASH OVER Ni |
| 6       | 0.76um PdNi W Au FLASH OVER Ni |

3 |



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| mat'l. code |       |      |     |      | tolerances unless<br>otherwise specified |        |                |                                  |     |             | ı  | CUSTOMER    |        |                        |                | 4          |    |        |    |        |        |        |    |
|-------------|-------|------|-----|------|--|--------|----------------|----------------------------------|-----|-------------|----|-------------|--------|------------------------|----------------|------------|----|--------|----|--------|--------|--------|----|
| Itr         | ecn   | no   | dr  | date | ;  |        |                |                                  |     |             |    |             | COPY   |                        |                | F          | CI |        |    | www.   | fcicon | nect.c | om |
| В           |       |      |     |      |  | linear | - 🗆            | ±0.25                            |     |             |    | proje       | ection |                        | title          |            |    |        |    |        |        |        |    |
|             |       |      |     |      |  |        |                |                                  |     |             |    |             | ) (    | 1                      |                | MINITEK II |    |        |    |        |        |        |    |
|             |       |      |     |      |  | angle  | s              |                                  |     |             |    |             | ナマ     | 7                      | SMT STR HEADER |            |    |        |    |        |        |        |    |
|             |       |      |     |      |  | dr     | М              | ML CHWA 10/24/94                 |     |             | ММ |             |        | product family MINITEK |                |            |    |        |    |        | code   | е      |    |
|             |       |      |     |      |  | engr   | Е              | BS LOW 10/27/94<br>KB MAH 1/5/05 |     | <del></del> |    | size dwg no |        |                        |                |            |    |        |    |        |        |        |    |
|             |       |      |     |      |  | chr    | K              |                                  |     | 1/5/05      |    | scale       |        |                        | ٦,             |            | Ω  | 10     | 71 | $\cap$ |        | sheet  |    |
|             |       |      |     |      |  | appd   | JOEY NG 1/5/05 |                                  | 2:1 |             | Α  | 94270       |        |                        |                |            |    | 2 of 2 |    |        |        |        |    |
| she         | sheet |      | ion |      |  |        |                |                                  |     |             |    |             |        |                        |                |            |    |        |    |        |        |        |    |
| ind         | ex    | shee | t   |      |  |        |                |                                  |     |             |    |             |        |                        |                |            |    |        |    |        |        |        |    |
|             |       |      |     |      |  |        |                |                                  |     |             |    |             |        | cage code              |                |            |    |        |    |        |        |        |    |

PDM: Rev:B

STATUS

3

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ACAD