



## SMD PTC RESETTABLE FUSE

### KLS5-SMD2920 (SMD 2920 PTC RESETTABLE FUSE)

Terminal Pad Solderability:  
Meets EIA Specification RS186-9E  
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

α Alpha Logo  
050L Part Identification

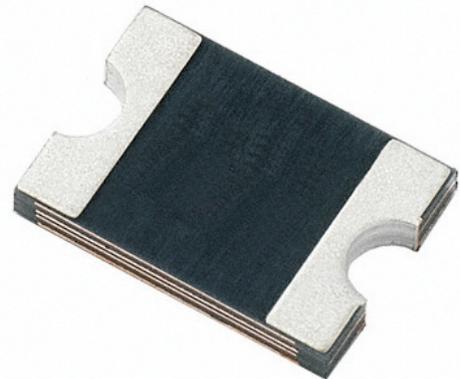


TABLE I. DIMENSIONS:(Unit:mm)

| Model        | A    |      | B    |      | C    |      | D    |
|--------------|------|------|------|------|------|------|------|
|              | MIN  | MAX  | MIN  | MAX  | MIN  | MAX  | MIN  |
| SMD2920-030L | 6.73 | 7.98 | 4.80 | 5.44 | 0.60 | 1.15 | 0.30 |
| SMD2920-050L | 6.73 | 7.98 | 4.80 | 5.44 | 0.60 | 1.15 | 0.30 |
| SMD2920-075L | 6.73 | 7.98 | 4.80 | 5.44 | 0.60 | 1.15 | 0.30 |
| SMD2920-100L | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 1.00 | 0.30 |
| SMD2920-125L | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 0.90 | 0.30 |
| SMD2920-150L | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 0.90 | 0.30 |
| SMD2920-185L | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| SMD2920-200L | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| SMD2920-250L | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| SMD2920-260L | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| SMD2920-300L | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |

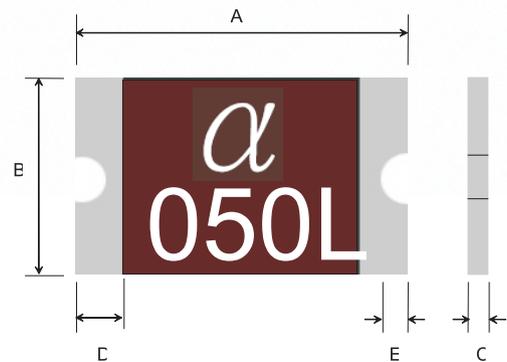


TABLE II. PERFORMANCE RATINGS:

| Model           | V <sub>max</sub><br>(V) | I <sub>max</sub><br>(A) | I <sub>hold</sub><br>@25°C<br>(A) | I <sub>trip</sub><br>@25°C<br>(A) | P <sub>d</sub><br>Typ.<br>(W) | Maximum Time To Trip |               | Resistance                |                           |                           |
|-----------------|-------------------------|-------------------------|-----------------------------------|-----------------------------------|-------------------------------|----------------------|---------------|---------------------------|---------------------------|---------------------------|
|                 |                         |                         |                                   |                                   |                               | Current<br>(A)       | Time<br>(Sec) | P <sub>i_min</sub><br>(Ω) | P <sub>i_typ</sub><br>(Ω) | P <sub>i_max</sub><br>(Ω) |
|                 |                         |                         |                                   |                                   |                               |                      |               |                           |                           |                           |
| SMD2920-030L    | 60                      | 100                     | 0.30                              | 0.60                              | 1.500                         | 1.5                  | 3.0           | 0.600                     | 0.900                     | 4.800                     |
| SMD2920-050L    | 60                      | 100                     | 0.50                              | 1.00                              | 1.500                         | 2.5                  | 4.0           | 0.180                     | 0.280                     | 1.400                     |
| SMD2920-075L    | 33                      | 100                     | 0.75                              | 1.50                              | 1.500                         | 8.0                  | 0.3           | 0.100                     | 0.155                     | 1.000                     |
| SMD2920-100L    | 33                      | 100                     | 1.10                              | 2.20                              | 1.500                         | 8.0                  | 0.5           | 0.065                     | 0.090                     | 0.410                     |
| SMD2920-125L    | 33                      | 100                     | 1.25                              | 2.50                              | 1.500                         | 8.0                  | 2.0           | 0.050                     | 0.070                     | 0.250                     |
| SMD2920-150L    | 33                      | 100                     | 1.50                              | 3.00                              | 1.500                         | 8.0                  | 2.0           | 0.035                     | 0.045                     | 0.230                     |
| SMD2920-185L    | 33                      | 100                     | 1.85                              | 3.70                              | 1.500                         | 8.0                  | 2.5           | 0.030                     | 0.040                     | 0.150                     |
| SMD2920-200L    | 16                      | 100                     | 2.00                              | 4.00                              | 1.500                         | 8.0                  | 4.5           | 0.020                     | 0.028                     | 0.120                     |
| SMD2920-250L    | 16                      | 100                     | 2.50                              | 5.00                              | 1.500                         | 8.0                  | 16.0          | 0.020                     | 0.028                     | 0.085                     |
| SMD2920-260L    | 6                       | 100                     | 2.60                              | 5.20                              | 1.500                         | 8.0                  | 10.0          | 0.014                     | 0.020                     | 0.075                     |
| SMD2920-300L-6V | 6                       | 40                      | 3.00                              | 6.00                              | 1.500                         | 8.0                  | 20.0          | 0.012                     | 0.017                     | 0.048                     |
| SMD2920-300L    | 16                      | 100                     | 3.00                              | 6.00                              | 1.500                         | 8.0                  | 20.0          | 0.012                     | 0.017                     | 0.048                     |

## ORDER INFORMATION

Product NO.: KLS5-SMD2920-030L

