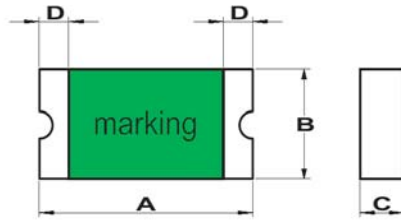


**Construction and Dimension:**



Unit(mm)

| Model         | A    |      | B    |      | C    |      | D    |
|---------------|------|------|------|------|------|------|------|
|               | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 2920SMD030    | 6.73 | 7.98 | 4.80 | 5.44 | 0.60 | 1.15 | 0.30 |
| 2920SMD050    | 6.73 | 7.98 | 4.80 | 5.44 | 0.60 | 1.15 | 0.30 |
| 2920SMD075    | 6.73 | 7.98 | 4.80 | 5.44 | 0.60 | 1.15 | 0.30 |
| 2920SMD100    | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 1.00 | 0.30 |
| 2920SMD125    | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 0.90 | 0.30 |
| 2920SMD150/15 | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 0.90 | 0.30 |
| 2920SMD150/33 | 6.73 | 7.98 | 4.80 | 5.44 | 0.40 | 0.90 | 0.30 |
| 2920SMD185    | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD200/15 | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD200/24 | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD250    | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD260/6  | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD260/15 | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD300/6  | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |
| 2920SMD300/15 | 6.73 | 7.98 | 4.80 | 5.44 | 0.30 | 0.90 | 0.30 |

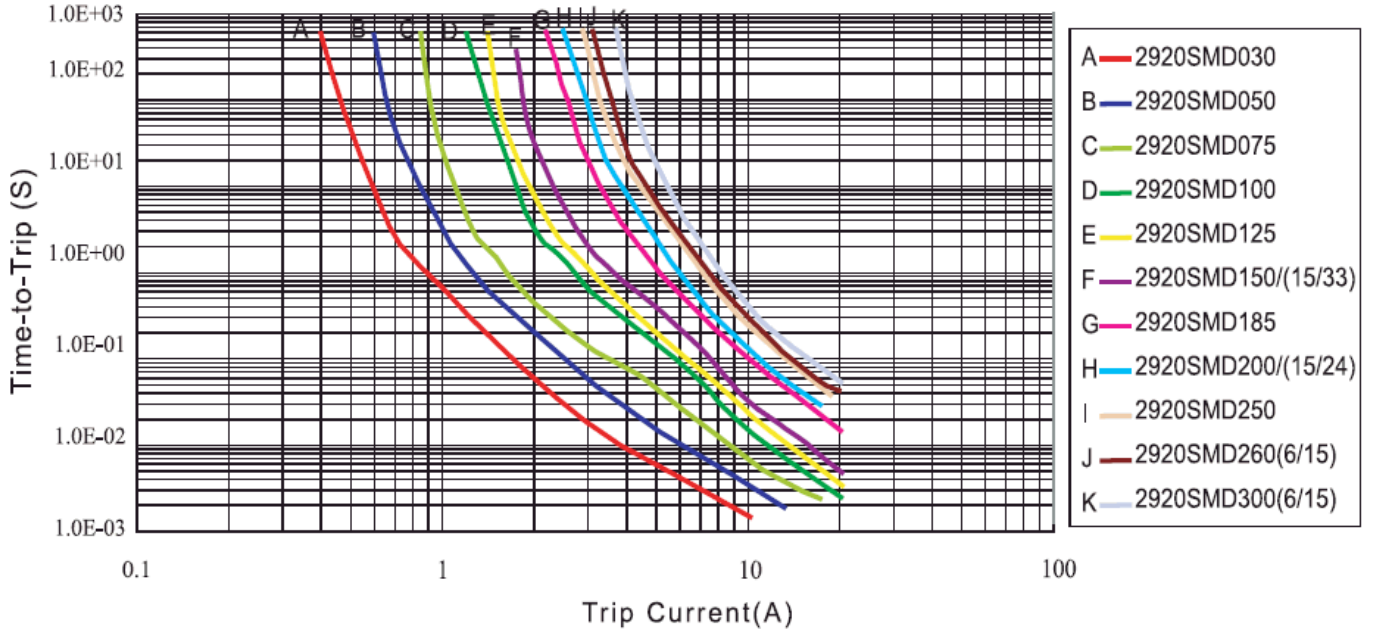
**Electrical Characteristics at 23<sup>0</sup>C:**

| Model         | V max<br>(Volts) | I max<br>(Amps) | I hold<br>(Amps) | I trip<br>(Amps) | R min<br>(Ω) | R1 max<br>(Ω) | Max Time to Trip |      | P (d)<br>(Watts) |
|---------------|------------------|-----------------|------------------|------------------|--------------|---------------|------------------|------|------------------|
|               |                  |                 |                  |                  |              |               | Amps             | Sec. |                  |
| 2920SMD030    | 60.0             | 100             | 0.30             | 0.60             | 0.600        | 4.800         | 1.5              | 3.0  | 1.50             |
| 2920SMD050    | 60.0             | 100             | 0.50             | 1.00             | 0.180        | 1.400         | 2.5              | 4.0  | 1.50             |
| 2920SMD075    | 33.0             | 100             | 0.75             | 1.50             | 0.100        | 1.000         | 8.0              | 0.3  | 1.50             |
| 2920SMD100    | 33.0             | 100             | 1.10             | 2.20             | 0.065        | 0.410         | 8.0              | 0.5  | 1.50             |
| 2920SMD125    | 33.0             | 100             | 1.25             | 2.50             | 0.050        | 0.250         | 8.0              | 2.0  | 1.50             |
| 2920SMD150/15 | 15.0             | 40              | 1.50             | 3.00             | 0.035        | 0.230         | 8.0              | 2.0  | 1.50             |
| 2920SMD150/33 | 33.0             | 100             | 1.50             | 3.00             | 0.035        | 0.230         | 8.0              | 2.0  | 1.50             |
| 2920SMD185    | 33.0             | 100             | 1.85             | 3.70             | 0.030        | 0.150         | 8.0              | 2.5  | 1.50             |
| 2920SMD200/15 | 15.0             | 40              | 2.00             | 4.00             | 0.020        | 0.120         | 8.0              | 4.5  | 1.50             |
| 2920SMD200/24 | 24.0             | 100             | 2.00             | 4.00             | 0.020        | 0.120         | 8.0              | 4.5  | 1.50             |
| 2920SMD250    | 15.0             | 100             | 2.50             | 5.00             | 0.020        | 0.085         | 8.0              | 16.0 | 1.50             |
| 2920SMD260/6  | 6.0              | 40              | 2.60             | 5.20             | 0.014        | 0.075         | 8.0              | 10.0 | 1.50             |
| 2920SMD260/15 | 15.0             | 100             | 2.60             | 5.20             | 0.014        | 0.074         | 8.0              | 10.0 | 1.50             |
| 2920SMD300/6  | 6.0              | 40              | 3.00             | 6.00             | 0.012        | 0.048         | 8.0              | 20.0 | 1.50             |
| 2920SMD300/15 | 15.0             | 100             | 3.00             | 6.00             | 0.012        | 0.048         | 80.              | 20.0 | 1.50             |

\*Definition of electrical characteristics refer to page 6.

**Construction and Dimension:**

PPTC Time-to-Trip Curves



Thermal Derating Chart  $I_{hold}$  (Amps)

| TEMP(°C)      | - 40 | - 20 | 0    | 23   | 40   | 50   | 60   | 70   | 85   |
|---------------|------|------|------|------|------|------|------|------|------|
| 2920SMD030    | 0.45 | 0.40 | 0.35 | 0.30 | 0.25 | 0.23 | 0.20 | 0.17 | 0.14 |
| 2920SMD050    | 0.76 | 0.67 | 0.59 | 0.50 | 0.42 | 0.38 | 0.33 | 0.29 | 0.23 |
| 2920SMD075    | 1.13 | 1.01 | 0.88 | 0.75 | 0.62 | 0.56 | 0.50 | 0.44 | 0.34 |
| 2920SMD100    | 1.66 | 1.47 | 1.29 | 1.10 | 0.91 | 0.83 | 0.73 | 0.64 | 0.50 |
| 2920SMD125    | 1.89 | 1.68 | 1.46 | 1.25 | 1.04 | 0.94 | 0.83 | 0.73 | 0.56 |
| 2920SMD150/15 | 2.27 | 2.01 | 1.76 | 1.50 | 1.25 | 1.13 | 1.00 | 0.87 | 0.74 |
| 2920SMD150/33 | 2.27 | 2.01 | 1.76 | 1.50 | 1.25 | 1.13 | 1.00 | 0.87 | 0.74 |
| 2920SMD185    | 2.80 | 2.47 | 2.17 | 1.85 | 1.54 | 1.39 | 1.22 | 1.07 | 0.85 |
| 2920SMD200/15 | 3.02 | 2.68 | 2.34 | 2.00 | 1.66 | 1.50 | 1.32 | 1.16 | 0.90 |
| 2920SMD200/24 | 3.02 | 2.68 | 2.34 | 2.00 | 1.66 | 1.50 | 1.32 | 1.16 | 0.90 |
| 2920SMD250    | 3.78 | 3.35 | 2.93 | 2.50 | 2.08 | 1.88 | 1.65 | 1.45 | 1.13 |
| 2920SMD260/6  | 3.64 | 3.25 | 2.91 | 2.60 | 2.26 | 2.08 | 1.95 | 1.74 | 1.13 |
| 2920SMD260/15 | 3.64 | 3.25 | 2.91 | 2.60 | 2.26 | 2.08 | 1.95 | 1.74 | 1.13 |
| 2920SMD300/6  | 4.53 | 4.02 | 3.51 | 3.00 | 2.52 | 2.26 | 1.99 | 1.75 | 1.34 |
| 2920SMD300/15 | 4.53 | 4.02 | 3.51 | 3.00 | 2.52 | 2.26 | 1.99 | 1.75 | 1.34 |