

**Polymer
PTC Devices**

R-line resettable fuses

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LP06-075

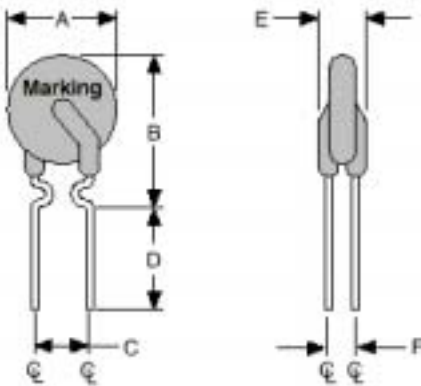
Features

- Radial leaded devices
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL, CSA, TUV

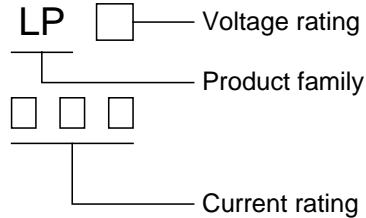


Product Dimensions (mm)

| Part number | A | B | C | D | E | F | Lead |
|-------------|------|------|------|------|------|------|---------|
| | Max. | Max. | Typ. | Min. | Max. | Typ. | Size() |
| LP06-075 | 6.4 | 11.4 | 5.1 | 7.6 | 3.0 | 0.8 | 0.6 |



Marking system



* Lead materials: Tin-plate metal wire.

* Lead-free devices are available, the right logo is lead-free mark of wayon.



Electrical Characteristics

| Part number | I_H (A) | I_T (A) | T_{trip} (S) | V_{max} (V) | I_{max} (A) | Pd_{typ} (W) | R_{min} () | R_{max} () |
|-------------|--------------|--------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| LP06-075 | 0.75 | 1.30 | 0.4 | 6 | 40 | 0.30 | 0.14 | 0.23 |

I_H =Hold current: maximum current at which the device will not trip at 25 still air.

I_T =Trip current: minimum current at which the device will always trip at 25 still air.

V_{max} =Maximum voltage device can withstand without damage at rated current.

I_{max} =Maximum fault current device can withstand without damage at rated voltage.

Pd_{typ} =Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

T_{trip} =Maximum time to trip(s) at 5* I_H .

Thermal Derating Chart- I_H (A)

| Part number | Maximum ambient operating temperatures() | | | | | | | | |
|-------------|---|------|------|------|------|------|------|------|------|
| | -40 | -20 | 0 | 25 | 40 | 50 | 60 | 70 | 85 |
| LP06-075 | 1.05 | 0.95 | 0.85 | 0.75 | 0.65 | 0.60 | 0.55 | 0.50 | 0.43 |

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 3000pcs per reel.