

**Polymer
PTC Devices**

R-line resettable fuses

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LP75-375

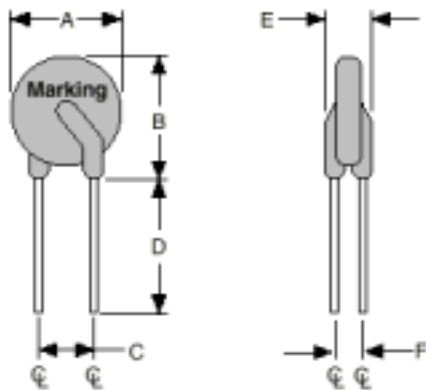
Features

- Radial leaded devices, higher rated voltage of 75V
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL、CSA、TUV

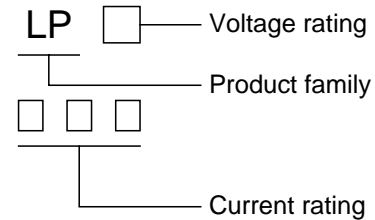


Product Dimensions (mm)

| Part number | A | B | C | D | E | F | Lead |
|-------------|------|------|------|------|------|------|---------|
| | Max. | Max. | Typ. | Min. | Max. | Typ. | Size() |
| LP75-375 | 28.5 | 32.5 | 10.2 | 7.6 | 3.1 | 1.4 | 0.8 |



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} () |
|-------------|--------------|--------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| LP75-375 | 3.75 | 7.50 | 24.0 | 75 | 40 | 3.20 | 0.03 | 0.05 |

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} =Power dissipation: typical amount of power dissipated by the device when in tripped state in 25 still air.

T_{trip} =Maximum time to trip at 5 times hold current.

Thermal Derating Chart- $I_H(A)$

| Part number | Maximum ambient operating temperatures() | | | | | | | | |
|-------------|---|------|------|------|------|------|------|------|------|
| | -40 | -20 | 0 | 25 | 40 | 50 | 60 | 70 | 85 |
| LP75-375 | 6.02 | 5.19 | 4.50 | 3.75 | 3.02 | 2.68 | 2.30 | 1.95 | 1.39 |

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1000pcs per reel.