**REV LETTER: E** PAGE NO: 1 OF 1 PART NUMBER:

# **Polymer PTC Devices**

R-line resettable fuses

Shanghai Wayon Thermo/Electro Materials Co.,Ltd.

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Http://www.way-on.com



**Features** 

LP60-075

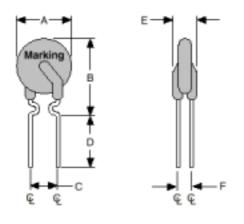
- Radial leaded devices
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL、CSA、TUV



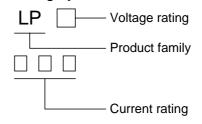
## **Product Dimensions (mm)**

| Part number | Α    | В    | С    | D    | E    | F    | Lead    |
|-------------|------|------|------|------|------|------|---------|
|             | Max. | Max. | Тур. | Min. | Max. | Тур. | Size( ) |
| LP60-075    | 10.7 | 15.5 | 5.1  | 7.6  | 3.1  | 1.1  | 0.6     |

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## 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 <sub>H</sub> | Ι <sub>Τ</sub> | T <sub>trip</sub> | V <sub>max</sub> | I <sub>max</sub> | Pd <sub>typ</sub> | R <sub>min</sub> | R <sub>max</sub> |
|---------------|----------------|----------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
|               | (A)            | (A)            | (S)               | (V)              | (A)              | (W)               | ( )              | ( )              |
| LP60-075      | 0.75           | 1.50           | 6.3               | 60               | 40               | 0.95              | 0.18             | 0.40             |

I<sub>H</sub>=Hold current: maximum current at which the device will not trip at 25

I<sub>T</sub>=Trip current: minimum current at which the device will always trip at 25 still air.

V<sub>max</sub>=Maximum voltage device can withstand without damage at rated current.

I<sub>max</sub>=Maximum fault current device can withstand without damage at rated voltage.

Pd<sub>typ</sub>=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

T<sub>trip</sub>=Maximum time to trip(s) at 5\* I<sub>H</sub>.

## Thermal Derating Chart-I<sub>H</sub>(A)

| Part number | Maximum ambient operating temperatures( ) |      |      |      |      |      |      |      |      |
|-------------|---|------|------|------|------|------|------|------|------|
|             | -40                                       | -20  | 0    | 25   | 40   | 50   | 60   | 70   | 85   |
| LP60-075    | 1.26                                      | 1.11 | 0.95 | 0.75 | 0.61 | 0.54 | 0.45 | 0.39 | 0.28 |

#### Package Information

Bulk: 500pcs per bag.

Tape & Reel: 3000pcs per reel.

