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# Polymer PTC Devices

R-line resettable fuses

Shanghai Wayon Thermo/Electro Materials Co.,Ltd.

4th Floor, No.201, New Jinqiao Road, Shanghai 201206,China Tel: 86-21-50320161 58995165 Fax: 86-21-50320266

E-mail: market@way-on.com Http://www.way-on.com



## **Features**

LP75-075

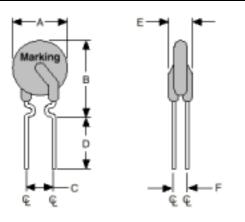
- □ Radial leaded devices, higher rated voltage of 75V
- ☐ Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- ☐ Agency Recognition: UL、CSA、TUV



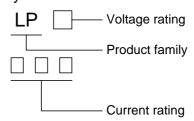


#### **Product Dimensions (mm)**

Part number	Α	В	С	D	E	F	Lead	
	Max.	Max.	Тур.	Min.	Max.	Тур.	Size( )	
LP75-075	10.7	15.5	5.1	7.6	3.1	1.1	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 <sub>H</sub>	Ι <sub>Τ</sub>	$T_{trip}$	$V_{max}$	I <sub>max</sub>	Pd <sub>typ</sub>	$R_{min}$	$R_{max}$
	(A)	(A)	(S)	(V)	(A)	(W)	( )	( )
LP75-075	0.75	1.50	6.3	75	40	0.95	0.18	0.40

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

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

Pd<sub>typ</sub>=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<sub>H</sub>(A)

Part number	Maximum ambient operating temperatures( )								
	-40	-20	0	25	40	50	60	70	85
LP75-075	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.