

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

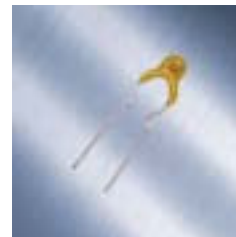
[Http://www.way-on.com](http://www.way-on.com)



LP75-020

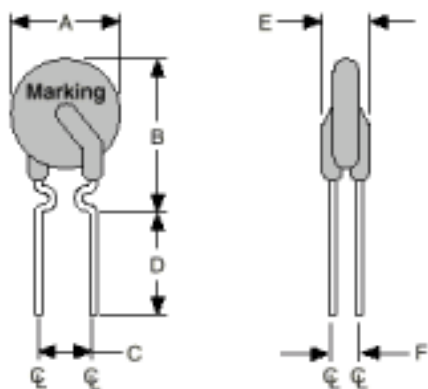
Features

- 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

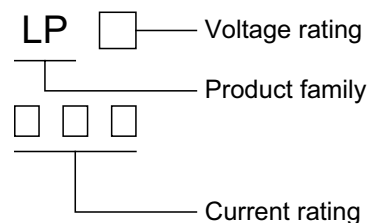


Product Dimensions (mm)

Part number	A Max.	B Max.	C Typ.	D Min.	E Max.	F Typ.	Lead Size(φ)
LP75-020	5.9	11.2	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_H (A)	I_T (A)	T_{trip} (S)	V_{max} (V)	I_{max} (A)	Pd_{typ} (W)	R_{min} (Ω)	R_{max} (Ω)
LP75-020	0.20	0.40	3.6	75	40	0.52	1.50	2.84

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
LP75-020	0.34	0.29	0.25	0.20	0.16	0.14	0.13	0.10	0.07

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 3000pcs per reel.