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

# **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

Http://www.way-on.com



# LP30-135

#### **Features**

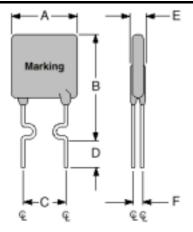
- Radial leaded devices
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL、CSA、TUV



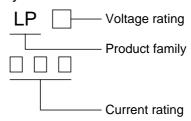
## **Product Dimensions (mm)**

Part number	Α	В	С	C D		F	Lead	
	Max.	Max.	Тур.	Min.	Max.	Тур.	Style	Size( )
LP30-135	8.9	14.0	5.1	7.6	3.0	0.9	1	0.6

E-mail: market@way-on.com



#### 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>	lτ	$T_{trip}$	$V_{max}$	I <sub>max</sub>	Pd <sub>typ</sub>	$R_{min}$	$R_{\text{max}}$
	(A)	(A)	(S)	(V)	(A)	(W)	( )	( )
LP30-135	1.35	2.70	7.3	30	40	1.11	0.04	0.08

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
LP30-135	2.15	1.94	1.70	1.35	1.20	1.14	1.00	0.90	0.81

#### Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 3000pcs per reel.