

**Polymer
PTC Devices**

R-line resettable fuses

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LP33-500

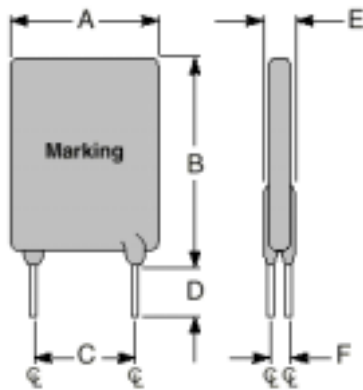
Features

- Radial leaded devices
- Rated voltage up to 33V to meet broader applications
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL、CSA、TUV

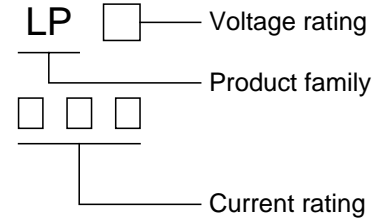


Product Dimensions (mm)

Part number	A	B	C	D	E	F	Lead
	Max.	Max.	Typ.	Min.	Max.	Typ.	Size()
LP33-500	14.4	28.0	10.2	7.6	3.0	1.2	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} ()
LP33-500	5.00	10.00	14.5	33	40	3.00	0.01	0.03

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} =Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

T_{trip} =Maximum time to trip(s) at 5* I_H .

Thermal Derating Chart- I_H (A)

Part number	Maximum ambient operating temperatures()								
	-40	-20	0	25	40	50	60	70	85
LP33-500	7.44	6.68	5.80	5.00	4.30	4.03	3.58	3.22	2.77

Package Information

Bulk: 500pcs per bag.