

**Polymer  
PTC Devices**

*R-line resettable fuses*

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**LP33-250**

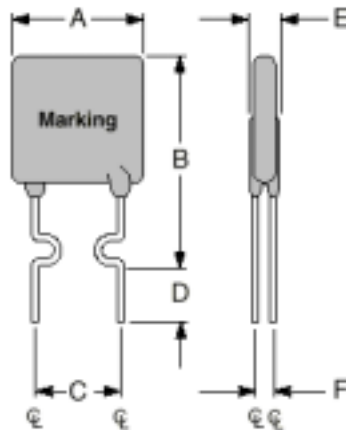
**Features**

- 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

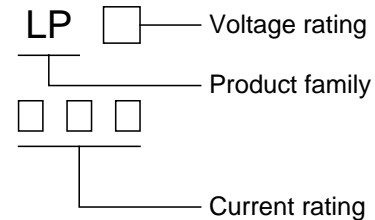


**Product Dimensions (mm)**

Part number	A	B	C	D	E	F	Lead
	Max.	Max.	Typ.	Min.	Max.	Typ.	Size( )
LP33-250	11.7	19.0	5.1	7.6	3.0	0.9	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)	$R_{min}$ ( )	$R_{max}$ ( )
LP33-250	2.50	5.00	10.3	33	40	1.34	0.02	0.04

$I_H$ =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  $5 \cdot I_H$ .

**Thermal Derating Chart- $I_H(A)$**

Part number	Maximum ambient operating temperatures( )								
	-40	-20	0	25	40	50	60	70	85
LP33-250	3.82	3.44	3.03	2.50	2.17	2.00	1.81	1.59	1.39

**Package Information**

Bulk: 500pcs per bag.

Tape & Reel: 1500pcs per reel.