

Polymer PTC Devices

R-line resettable fuses

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LP06-185

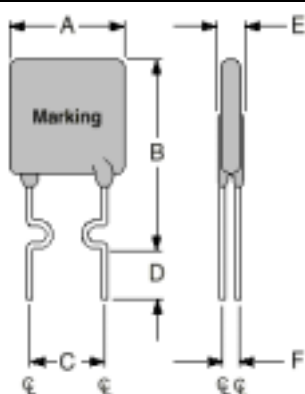
Features

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

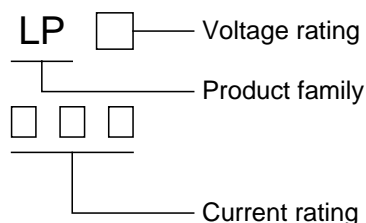


Product Dimensions (mm)

Part number	A	B	C	D	E	F	Lead
	Max.	Max.	Typ.	Min.	Max.	Typ.	Size()
LP06-185	10.7	16.7	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	I _T	T _{trip}	V _{max}	I _{max}	Pd _{typ}	R _{min}	R _{max}
	(A)	(A)	(S)	(V)	(A)	(W)	()	()
LP06-185	1.60	3.70	10.0	6	40	1.00	0.05	0.09

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
LP06-185	2.87	2.59	2.28	1.85	1.63	1.52	1.33	1.21	1.05

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 3000pcs per reel.