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PART NUMBER:

LB180

Polymer PTC Devices

R-line resettable fuses

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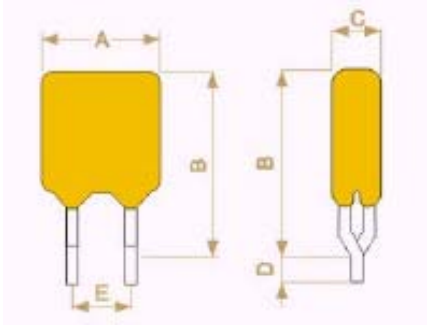
Features

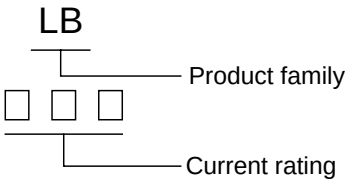
- ☐ Radial leaded devices
- ☐ High voltage surge capabilities
- ☐ Agency Recognition: UL、CSA、TUV

Product Dimensions (mm)

Part number	A	B	C	D	E	Lead
	Max	Max	Max	Min	Typ	Size(ϕ)
LB180	13.5	14.6	4.6	4.7	5.1	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	I_T	T_{trip}		V_{max} interrupt	I_{max}	Pd_{typ}	R_{min}	R_{max}
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	(Ω)	(Ω)
LB180	0.180	0.360	1.00	17.00	250	10.0	1.0	0.8	2.0

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.

T_{trip}=Typical time to trip(s) at assigned current.

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.

R_{min}=Minimum device resistance at 25℃ prior to tripping.

R_{max}=Maximum device resistance at 25℃ prior to tripping.

Thermal Derating Chart-I_H(A)

Part number	Maximum ambient operating temperatures(℃)								
	-40	-20	0	25	40	50	60	70	85
LB180	0.269	0.240	0.211	0.180	0.153	0.138	0.123	0.109	0.087

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.