

**Polymer  
PTC Devices**

*R-line resettable fuses*

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**LB180U**

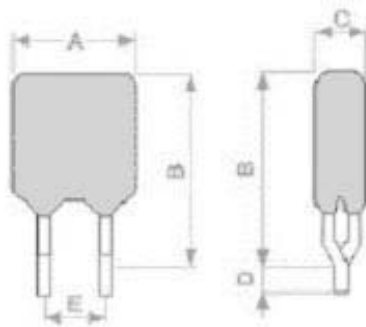
**Features**

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



**Product Dimensions (mm)**

Part number	A Max	B Max	C Max	D Min	E Typ	Lead Size( )
LB180U	10.5	12.6	3.8	4.7	5.1	0.6



- \* 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> (A)	I <sub>T</sub> (A)	T <sub>trip</sub> Current(A) Time(S)	V <sub>max interrupt</sub> (V)	I <sub>max</sub> (A)	Pd <sub>typ</sub> (W)	R <sub>min</sub> ( )	R <sub>max</sub> ( )
LB180U	0.180	0.360	1.00 15.00	250	10.0	1.0	0.8	2.0

I<sub>H</sub>=Hold current: maximum current at which the device will not trip at 25 still air.

I<sub>T</sub>=Trip current: minimum current at which the device will always trip at 25 still air.

T<sub>trip</sub>=Typical time to trip(s) at assigned current.

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.

R<sub>min</sub>=Minimum device resistance at 25 prior to tripping.

R<sub>max</sub>=Maximum device resistance at 25 prior to tripping.

**Thermal Derating Chart-I<sub>H</sub>(A)**

Part number	Maximum ambient operating temperatures( )									
	-40	-20	0	25	40	50	60	70	85	
LB180U	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.