

**Polymer
PTC Devices**

R-line resettable fuses

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LB120U

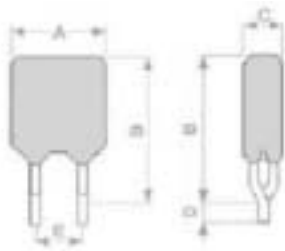
Features

- 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()
LB120U	6.0	10.0	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 _H (A)	I _T (A)	T _{trip} Current(A) Time(S)	V _{max} interrupt (V)	I _{max} (A)	Pd _{typ} (W)	R _{min} ()	R _{max} ()
LB120U	0.120	0.240	1.00 0.90	250	3.0	1.0	6.0	12.0

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
LB120U	0.191	0.170	0.148	0.120	0.104	0.093	0.082	0.071	0.055

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.