

**Polymer
PTC Devices**

R-line resettable fuses

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LB080U

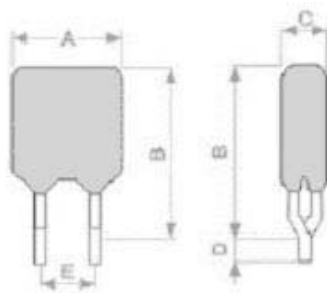
Features

- 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()
LB080	5.8	9.9	4.6	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} ()
LB080	0.080	0.160	0.35 3.00	250	3.0	1.0	15.0	22.0

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}=Maximum 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
LB080	0.124	0.110	0.095	0.080	0.066	0.059	0.051	0.044	0.033

Package Information

Bulk: 1000pcs per bag.
Tape & Reel: 1500pcs per reel.