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PART NUMBER:

LBR900H

Polymer
PTC Devices

R-line resettable fuses

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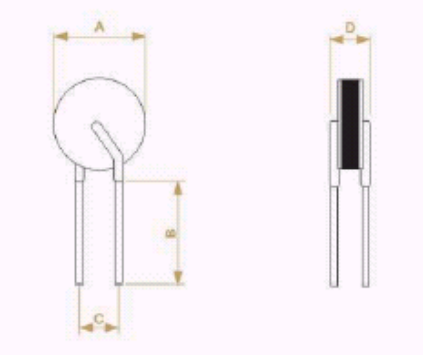
Features

- ☐ Radial leaded devices, higher rated voltage up to 250V
- ☐ Typical use for over-current protection in ballast
- ☐ 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	Lead
	Max	Min	Typ.	Max	Size(ϕ)
LBR900H	13.0	7.6	5.1	3.1	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	I_T	T_{trip}	V_{max}	I_{max}	Pd_{typ}	R_{min}	R_{max}
	(A)	(A)	(S)	(V)	(A)	(W)	(Ω)	(Ω)
LBR900H	0.90	1.80	10	250	20	3.00	0.10	0.50

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 at 3 times hold 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
LBR900H	1.42	1.24	1.08	0.90	0.74	0.66	0.58	0.50	0.36

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.