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PART NUMBER:

LBR250

Polymer PTC Devices

R-line resettable fuses

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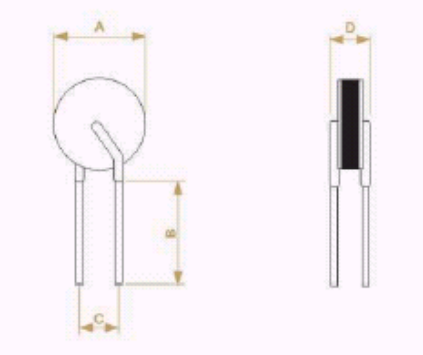
Features

- ☐ Radial leaded devices
- ☐ Typical use for 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)
LBR250	7.5	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)
LBR250	0.25	0.50	10	90	20	1.75	0.80	2.00

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 3* I_H.

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
LBR250	0.38	0.33	0.28	0.25	0.21	0.18	0.16	0.14	0.10

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.