

**Polymer
PTC Devices**

R-line resettable fuses

Shanghai Wayon Thermo/Electro Materials Co.,Ltd.

4th Floor, No.201, New Jinqiao Road, Shanghai 201206,China

Tel: 86-21- 50320161 58995165

Fax: 86-21-50320266

E-mail: market@way-on.com

[Http://www.way-on.com](http://www.way-on.com)



LBR550

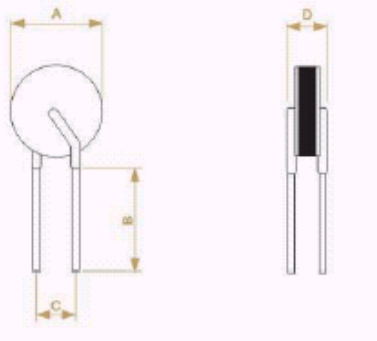
Features

- 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()
LBR550	11.0	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 (A)	I_T (A)	T_{trip} (S)	V_{max} (V)	I_{max} (A)	Pd_{typ} (W)	R_{min} ()	R_{max} ()
LBR550	0.55	1.10	10	90	20	2.00	0.35	0.90

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
LBR550	0.86	0.76	0.66	0.55	0.46	0.42	0.36	0.31	0.24

Package Information

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.