REV LETTER: E
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PART NUMBER:

LBV150

Polymer PTC Devices

R-line resettable fuses

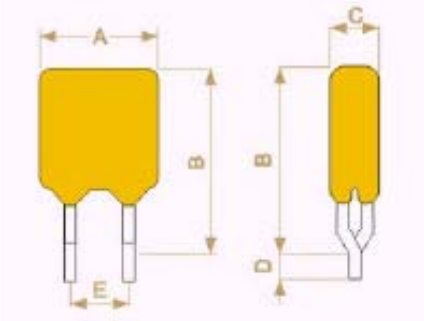
Shanghai Wayon Thermo/Electro Materials Co.,Ltd.
4th Floor, No.201, New Jinqiao Road, Shanghai 201206,China
Tel: 86-21- 50320161 58995165 Fax: 86-21-50320266
E-mail: market@way-on.com ***Http://www.way-on.com***

Features

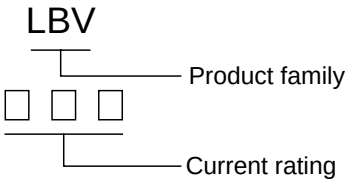
- ☐ Radial leaded devices
- ☐ Very high voltage surge capabilities
- ☐ Agency Recognition: UL、CSA、TUV

Product Dimensions (mm)

Part number	A	B	C	D	E	Lead
	Max	Max	Max	Min	Typ	Size(ϕ)
LBV150	13.5	14.5	6.5	4.7	5.1	0.6



Marking system



* 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} interrupt	I_{max}	Pd_{typ}	R_{min}	R_{max}
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	(Ω)	(Ω)
LBV150	0.150	0.300	1.00	5.00	600	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
LBV150	0.238	0.211	0.183	0.150	0.128	0.115	0.101	0.088	0.067

Package Information

Bulk: 500pcs per bag.

Tape & Reel: 600pcs per reel.