

**Polymer
PTC Devices**

Strap 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)



LR175

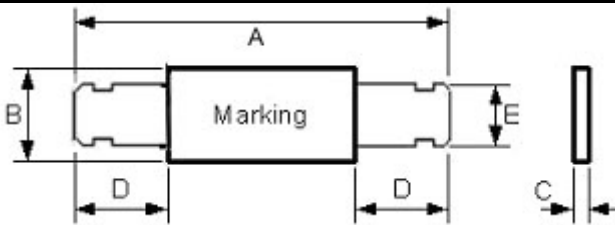
Features

- Strap devices, Axial leaded, Very small sizes, Very low initial resistances
- Low switching temperature, Provides overcurrent protection with 85 °C trip temperature
- Typical used for protection of Li-ion /Polymer Li-ion battery
- Available in lead-free version
- Agency recognition: UL、CSA、TUV

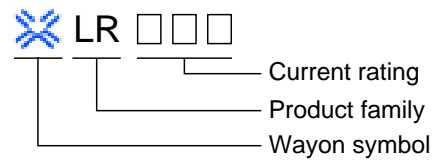


Product Dimensions (mm)

Part number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
LR175	24.0	26.0	2.8	3.1	0.5	0.9	4.5	6.5	2.3	2.5



Marking system



* Lead materials: Nickel.

* Insulating material: Polyester tape.

* 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}	R_{min}	R_{max}
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	()	()
LR175	1.75	4.20	8.75	5.0	12	100	0.012	0.030

I_H =Hold current: maximum current at which the device will not trip at 25 °C still air.

I_T =Trip current: minimum current at which the device will always trip at 25 °C 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.

R_{min} =Minimum device resistance at 25 °C prior to tripping.

R_{max} =Maximum device resistance at 25 °C prior to tripping.

Package Information

Bulk, 1000pcs per bag.