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# **Polymer PTC Devices**

Strap resettable fuses

### Shanghai Wayon Thermo/Electro Materials Co.,Ltd.

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# LP550

### **Features**

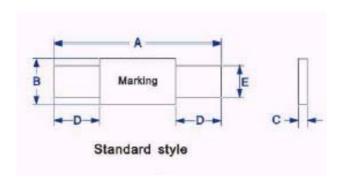
- Strap devices, Axial leaded, Low initial resistance
- Designed to use for battery packs protection
- Agency Recognition: UL, CSA, TUV



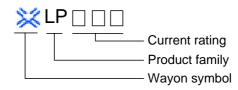


### **Product Dimensions (mm)**

Part number	Α		В		С		D		E	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
LP550	35.0	37.0	7.1	7.6	0.5	1.0	5.0	6.9	4.9	5.1



# Marking system



\* Lead materials: Nickel.

\* Insulating material: Polyester tape.

### **Electrical Characteristics**

Part number	I <sub>H</sub> I <sub>T</sub>		$T_{trip}$		V <sub>max</sub>	I <sub>max</sub>	R <sub>min</sub>	R <sub>max</sub>
raitilullibei	(A)	(A)	Current(A)	Time(S)	(V)	(A)	( )	( )
LP550	5.50	10.50	27.5	5.0	20	100	0.009	0.016

I<sub>H</sub>=Hold current: maximum current at which the device will not trip at 25 still air.

I<sub>T</sub>=Trip current: minimum current at which the device will always trip at 25 still air.

T<sub>trip</sub>=Maximum time to trip(s) at assigned current.

V<sub>max</sub>=Maximum voltage device can withstand without damage at rated current.

 $I_{max}$ =Maximum fault current device can withstand without damage at rated voltage.

R<sub>min</sub>=Minimum device resistance at 25 prior to tripping.

R<sub>max</sub>=Maximum device resistance at 25 prior to tripping.

## **Package Information**

Bulk: 500pcs per bag.