

**Polymer
PTC Devices**

Strap resettable fuses

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LP310

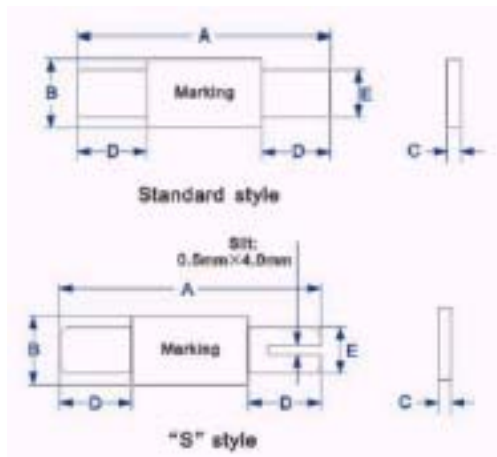
Features

- Strap devices, Axial leaded, Low initial resistance
- Typical used for protection of NiCd/NiMH rechargeable battery packs, Li-ion /Polymer Li-ion battery
- Available in lead-free version
- Agency recognition: UL, CSA, TUV

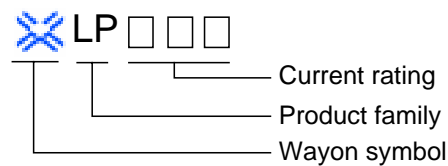


Product Dimensions (mm)

Part number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
LP310	25.4	28.5	13.0	13.7	0.6	1.00	5.0	7.3	4.8	5.4



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 (A)	I_T (A)	T_{trip} Current(A)	Time(S)	V_{max} (V)	I_{max} (A)	R_{min} ()	R_{max} ()
LP310	3.10	6.00	15.5	5.0	24	100	0.018	0.030

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 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 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
LP310	5.46	4.68	3.80	3.10	2.45	2.11	1.80	1.40	0.80

Package Information

Bulk: 500pcs per bag.