

**Polymer  
PTC Devices**

*Strap resettable fuses*

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**LP300**

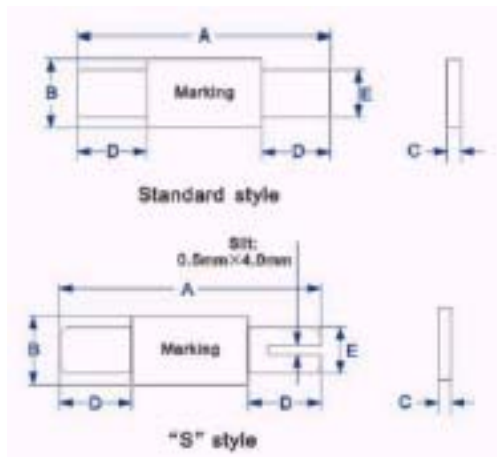
**Features**

- 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

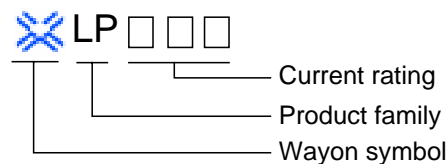


**Product Dimensions (mm)**

Part number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
LP300	25.4	28.5	13.0	13.7	0.5	1.10	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	$I_H$	$I_T$	$T_{trip}$		$V_{max}$	$I_{max}$	$R_{min}$	$R_{max}$
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	( )	( )
LP300	3.00	6.30	15.0	4.0	24	100	0.015	0.031

$I_H$ =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	
LP300	5.20	4.49	3.78	3.00	2.39	2.04	1.70	1.35	0.78	

**Package Information**

Bulk: 500pcs per bag.