

**Polymer  
PTC Devices**

Strap resettable fuses

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**LP120**

**Features**

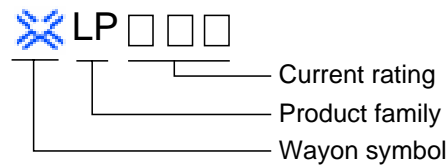
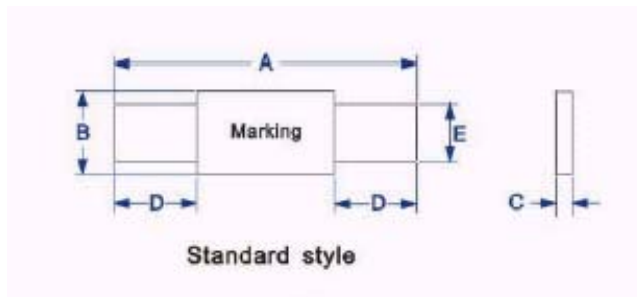
- Strap devices, Axial leaded, Low initial resistance
- Protection of NiCd/NiMH rechargeable battery packs, Li-ion /Polymer Li-ion battery
- Available in lead-free version
- Agency Recognition: UL、CSA、TUV



**Product Dimensions (mm)**

Part number	A		B		C		D		E	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
LP120	17.0	20.1	3.9	5.5	0.6	1.0	3.5	6.2	3.8	4.2

**Marking system**



\* Lead materials: Nickel.

\* Insulating material: Polyester tape.

**Electrical Characteristics**

Part number	$I_H$ (A)	$I_T$ (A)	$T_{trip}$ (S)	$V_{max}$ (V)	$I_{max}$ (A)	$R_{min}$ ( )	$R_{max}$ ( )
LP120	1.20	2.70	5.0	15	100	0.085	0.160

$I_H$ =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 at 5 times hold 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
LP120	1.95	1.74	1.54	1.20	1.07	0.98	0.87	0.76	0.58

**Package Information**

Bulk: 1000pcs per bag.