

## Polymer PTC Devices

Strap resettable fuses

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LP210N

### Features

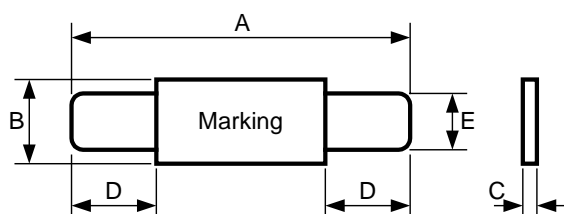
- Strap devices, Axial leaded, Low initial resistance
- Narrow breadth designs to meet smaller battery packs
- Typical used for protection of Li-ion /Polymer Li-ion battery
- Available in lead-free version
- Agency recognition: UL、CSA、TUV



### Product Dimensions (mm)

Part number	A		B		C		D		E	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
LP210N	23.0	25.5	3.0	3.3	0.5	0.8	4.7	6.5	5.2	7.2

### Marking system



Wayon symbol LP □ □ □ N

Current rating

Product family

Wayon symbol

\* 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)	( )	( )
LP210N	2.10	4.70	10.0	5.0	12	100	0.018	0.035

$I_H$ =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
LP210N	3.44	3.02	2.72	2.10	1.90	1.79	1.60	1.38	1.07

Packaging: Bulk, 1000pcs per bag.