

**Polymer
PTC Devices**

Strap resettable fuses

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LP210N

Features

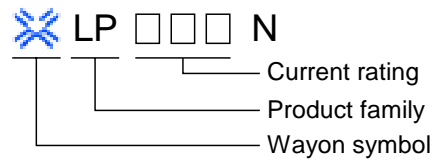
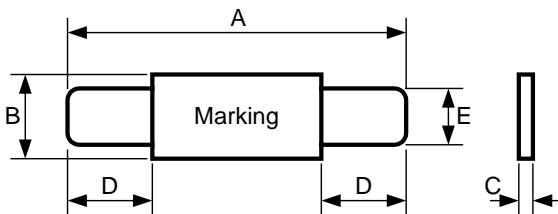
- Strap devices, Axial leaded, Low initial resistance
- Narrow breadth designs to meet smaller battery packs
- Typical used for protection of Li-ion /Polymer Li-ion battery
- Available in lead-free version
- Agency recognition: UL、CSA、TUV



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



* 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.