REV LETTER: E PAGE NO: 1 OF 1 PART NUMBER:

Polymer PTC Devices

Surface mount fuses

Shanghai Wayon Thermo/Electro Materials Co.,Ltd.

 4th Floor, No.201, New Jinqiao Road, Shanghai 201206,China

 Tel: 86-21- 50320161
 58995165
 Fax: 86-21-50320266

 E-mail: market@way-on.com
 Http://www.way-on.com



LP-USM110

Features

- □ Smaller size of 1210
- □ Fast tripping resettable circuit protection
- □ Surface mount packaging for automated assembly

Agency recognition: UL、CSA、TUV 🛛 🖓 💵 🚎

nbly 🛖



Product Dimensions (mm)

Dent muscher	Α	В	С	D	E
Part number –	Max	Max	Max	Max	Min.
LP-USM110	3.43	2.80	1.30	0.60	0.20
₹₽ ₽			Part Marking S	ystem	
Sec.	tine Co.		W	- Product family	
}	kine 🖌 B		w ——	Product family	

Electrical Characteristics

Dent number	I _H	Ι _Τ	V _{max}	I _{max}	T _{trip})	Pd _{typ}	R _{min}	R_{1max}
Part number -	(A)	(A)	(V)	(A)	Current(A)	Time(S)	(W)	()	()
LP-USM110	1.10	2.20	6	40	8.0	0.30		0.06	0.21

 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.

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.

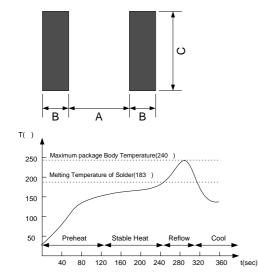
 T_{trip} =Maximum time to trip(s) at assigned current.

Pd_{typ}=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.

R_{min}=Minimum device resistance at 25 prior to tripping.

R_{1max}=Maximum device resistance measured in the nontripped state 1 hour post reflow.

Solder Reflow Recommendations



Solder Pad Layouts

Part number	Α	В	С	
	(mm)	(mm)	(mm)	
LP-USM110	2.00	1.00	2.50	

* Recommended reflow methods: IR, Vapor phase oven, hot air oven, wave solder.

* Devices can be cleaned using standard industry methods and solvents.

Notes:

If reflow temperatures exceed the recommended profile, devices may not meet the performance requirements.

Package Information

Tape & Reel: 2000pcs per reel.