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

Polymer PTC Devices

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WAYON

LC080

Surface mount fuses

Features

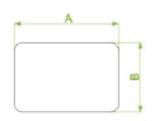
- □ Overcurrent and overtemperature protection
- ☐ Faster tripping, typical application in PDF for communication
- □ Withstanding high interrupt voltage
- ☐ Agency Recognition: UL、CSA、TUV





Product Dimensions (mm)

Part number —	Α			В	С		
	Min	Max	Min	Max	Min	Max	
LC080	5.0	5.9	5.0	5.9	1.8	2.8	





Electrical Characteristics

Part number	I _H	I _H I _T T _{trip}			V _{max}	I _{max} Pd _{typ} R _{min} R _{max}			
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	()	()
LC080	0.080	0.160	1.0	0.8	250	3.0	1.0	14.0	22.0

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}=Typical time to trip(s) at assigned current.

V_{max interrupt}=Maximum interrupt voltage device can withstand without damage at rated current.

I_{max}=Maximum fault current device can withstand without damage at rated voltage.

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_{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	
LC080	0.146	0.125	0.103	0.080	0.059	0.048	0.037	0.026	0.010	

Package Information

Bulk packaging, 1000pcs per bag.