

**Polymer  
PTC Devices**

Surface mount fuses

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**LM080**

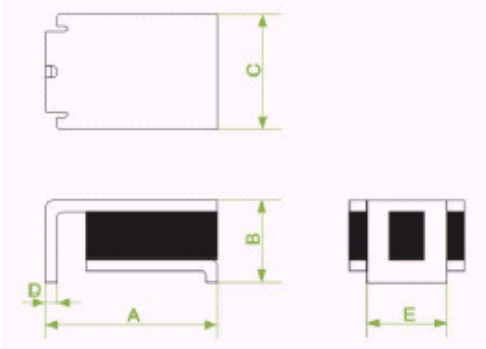
**Features**

- Surface mount devices
- Withstanding high interrupt voltage
- Agency Recognition: UL, CSA, TUV

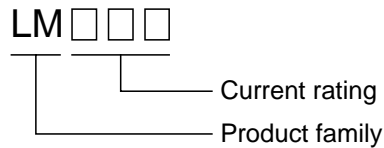


**Product Dimensions (mm)**

Part number	A Max	B Max	C Max	D Min	E Typ
LM080	9.4	3.4	7.4	0.3	3.8



**Marking system**



- \* Terminal materials: Tin-plated brass.
- \* Lead-free devices are available, the right logo is lead-free mark of wayon.



**Electrical Characteristics**

Part number	I <sub>H</sub> (A)	I <sub>T</sub> (A)	T <sub>trip</sub> Current(A) Time(S)	V <sub>max interrupt</sub> (V)	I <sub>max</sub> (A)	Pd <sub>typ</sub> (W)	R <sub>min</sub> ( )	R <sub>max</sub> ( )
LM080	0.080	0.160	1.00 0.45	250	3.0	1.00	14.0	22.0

I<sub>H</sub>=Hold current: maximum current at which the device will not trip at 25 still air.  
 I<sub>T</sub>=Trip current: minimum current at which the device will always trip at 25 still air.  
 T<sub>trip</sub>=Typical time to trip(s) at assigned current.  
 V<sub>max interrupt</sub>=Maximum interrupt voltage device can withstand without damage at rated current.  
 I<sub>max</sub>=Maximum fault current device can withstand without damage at rated voltage.  
 Pd<sub>typ</sub>=Typical power dissipation: typical amount of power dissipated by the device when in state air environment.  
 R<sub>min</sub>=Minimum device resistance at 25 prior to tripping.  
 R<sub>max</sub>=Maximum device resistance at 25 prior to tripping.

**Thermal Derating Chart-I<sub>H</sub>(A)**

Part number	Maximum ambient operating temperatures( )								
	-40	-20	0	25	40	50	60	70	85
LM080	0.124	0.110	0.095	0.080	0.066	0.059	0.051	0.044	0.033

**Package Information**

Bulk: 1000pcs per bag.  
Tape & Reel: 1500pcs per reel.