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

## Polymer PTC Devices

R-line resettable fuses

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LB080

#### Features

- □ Radial leaded devices
- □ High voltage surge capabilities
- □ Agency Recognition: UL、CSA、TUV

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#### Product Dimensions (mm)

Part number –	Α	В	С	D	E	Lead	
	Max	Max	Max	Min	Тур	Size()	
LB080	5.8	9.9	4.6	4.7	5.1	0.6	
A	-S-		Mark	ing system			
			l	B			
			_	Proc	luct family		
	m				,		
	ų,			Curr	ent rating		
	-		* Lead	materials: Tin-plat	te metal wire.		
LE	<i></i>		* Lead-	free devices are a	available,		
44			the rig	ght logo is lead-fre	e mark of wayon.	PRE	
octrical Char	to riotico						

### **Electrical Characteristics**

Part number	l <sub>Η</sub>	Ιτ	T <sub>trij</sub>	0	V <sub>max</sub> interrupt	I <sub>max</sub>	Pd <sub>typ</sub>	$R_{min}$	R <sub>max</sub>
	(A)	(A)	Current(A)	Time(S)	(V)	(A)	(W)	()	()
LB080	0.080	0.160	0.35	3.00	250	3.0	1.0	15.0	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<sub>trip</sub>=Maximum time to trip(s) at assigned current.

V<sub>max</sub>=Maximum voltage device can withstand without damage at rated current.

 $I_{max}$ =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.

 $R_{min}$ =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	
LB080	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.