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

# Polymer PTC Devices

R-line resettable fuses

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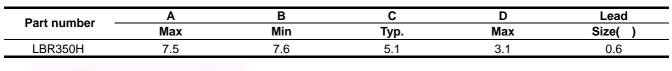
LBR350H

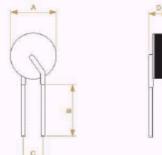
## Features

- □ Radial leaded devices, higher rated voltage up to 250V
- □ Typical use for over-current protection in ballast
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- $\hfill \Box \quad \mbox{Agency Recognition: UL, CSA, TUV}$



### Product Dimensions (mm)





\* Lead materials: Tin-plate metal wire.

\* Lead-free devices are available,



the right logo is lead-free mark of wayon.

## **Electrical Characteristics**

Part number	I <sub>H</sub>	Ι <sub>Τ</sub>	T <sub>trip</sub>	V <sub>max</sub>	I <sub>max</sub>	Pd <sub>typ</sub>	R <sub>min</sub>	R <sub>max</sub>
	(A)	(A)	(S)	(V)	(A)	(W)	( )	( )
LBR350H	0.35	0.75	10	250	20	1.80	0.60	1.20

 $I_{H}$ =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.

 $T_{trip}$ =Maximum time to trip at 3 times hold 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(A)</sub>

Part number	Maximum ambient operating temperatures( )									
	-40	-20	0	25	40	50	60	70	85	
LBR350H	0.54	0.46	0.42	0.35	0.28	0.26	0.23	0.20	0.14	

## Package Information

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

