

**Polymer  
PTC Devices**

*R-line resettable fuses*

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**LBR900**

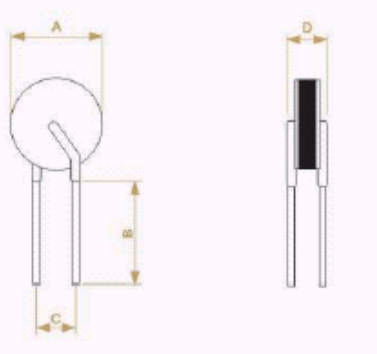
**Features**

- Radial leaded devices
- Typical use for ballast
- Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- Agency Recognition: UL、CSA、TUV



**Product Dimensions (mm)**

Part number	A	B	C	D	Lead
	Max	Min	Typ.	Max	Size( )
LBR900	13.0	7.6	5.1	3.1	0.6



\* Lead materials: Tin-plate metal wire.

\* Lead-free devices are available,  
the right logo is lead-free mark of wayon.



**Electrical Characteristics**

Part number	$I_H$ (A)	$I_T$ (A)	$T_{trip}$ (S)	$V_{max}$ (V)	$I_{max}$ (A)	$Pd_{typ}$ (W)	$R_{min}$ ( )	$R_{max}$ ( )
LBR750	0.90	1.80	10	90	20	3.00	0.10	0.50

$I_H$ =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.

$T_{trip}$ =Maximum time to trip(s) at 3\*  $I_H$ .

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

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

$Pd_{typ}$ =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
LBR90	1.42	1.24	1.08	0.90	0.74	0.66	0.58	0.50	0.36

**Package Information**

Bulk: 1000pcs per bag.

Tape & Reel: 1500pcs per reel.