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# Polymer PTC Devices

R-line resettable fuses

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## LBR350

## Features

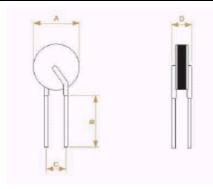
- □ Radial leaded devices
- □ Typical use for ballast
- □ Cured, flame retardant epoxy polymer insulating material meets UL94 V-0 requirements
- □ Agency Recognition: UL、CSA、TUV





### Product Dimensions (mm)

| Part number | Α   | A B |      | D   | Lead    |  |
|-------------|-----|-----|------|-----|---------|--|
|             | Max | Min | Тур. | Max | Size( ) |  |
| LBR350      | 7.5 | 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 <sub>H</sub> | Ι <sub>Τ</sub> | $T_{trip}$ | $V_{max}$ | I <sub>max</sub> | Pd <sub>typ</sub> | $R_{min}$ | R <sub>max</sub> |
|-------------|----------------|----------------|------------|-----------|------------------|-------------------|-----------|------------------|
|             | (A)            | (A)            | (S)        | (V)       | (A)              | (W)               | ( )       | ( )              |
| LBR350      | 0.35           | 0.75           | 10         | 90        | 20               | 1.80              | 0.60      | 1.20             |

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>=Maximum time to trip(s) at 3\* I<sub>H</sub>.

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<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   |
| LBR350      | 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.