

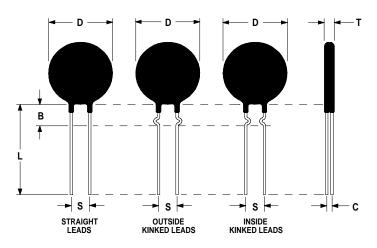
## **DATA SHEET**

# Part Number: SL08 12002

### **Ordering Different Lead Types:**

| Inside Kinked Leads  | Use <b>-A</b> after Ametherm's part # |
|----------------------|---------------------------------------|
| Outside Kinked Leads | Not Available                         |

For example: to order an inside kinked lead use part number SL08 12002-A



#### **Electrical Specifications:**

| Resistance @ 25°C                                     | $12.0 \ \Omega \pm 20\%$ |
|---|--------------------------|
| Max Steady State Current Up to 65°C                   | 2.5 A                    |
| Max Recommended Energy Rating (Joules)                | 9.0 J                    |
| Actual Failure Point of Instantaneous Energy (Joules) | 18.0 J                   |
| Resistance @ 100% of Max Current                      | 0.350 Ω                  |
| Max Allowable Power Consumption                       | 2.0 watts                |
| Body Temperature @ 100% Current Rating                | 148 °C                   |
| Dissipation Constant                                  | 9.0 mW/°C                |
| Thermal Time Constant                                 | 27 seconds               |
| Material Type   | "В"                      |

#### **Mechanical Specifications:**

| D             | $8.0 \pm 0.3 \text{ mm}$  |
|---------------|---------------------------|
| Т             | $3.5 \pm 0.3 \text{ mm}$  |
| Lead Diameter | $0.5 \pm 0.1 \text{ mm}$  |
| S             | $6.35 \pm 0.5 \text{ mm}$ |
| L             | $38.0 \pm 9.0 \text{ mm}$ |
| Inside Kink   | See Dimension             |
| Dimension     | B Below                   |
| В             | $4.5 \pm 0.50 \text{ mm}$ |
| С             | $2.82 \pm 0.5 \text{ mm}$ |

CSA File #: CA 118061

Revision Date: March 19, 2003

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