

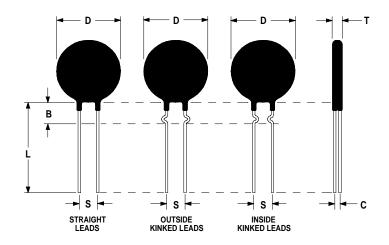
# **DATA SHEET**

Part Number: SL12 1R008

## **Ordering Different Lead Types:**

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Use <b>-B</b> after Ametherm's part #

For example: to order an inside kinked lead use part number <u>SL12 1R008-A</u>



#### **Electrical Specifications:**

Resistance @ 25°C	$1.0 \Omega \pm 20\%$
Max Steady State Current Up to 65°C	8.0 A
Max Recommended Energy Rating (Joules)	40.0 J
Actual Failure Point of Instantaneous Energy (Joules)	80.0 J
Resistance @ 100% of Max Current	0.043 Ω
Resistance @ 50% of Max Current	0.094 Ω
Body Temperature @ 100% Current Rating	176 °C
Dissipation Constant	13.22mW/°C
Thermal Time Constant	40 seconds
Max Power up to 65 °C Ambient	3.90 Watts
Material Type	"A"

### **Mechanical Specifications:**

D	$12.0 \pm 1.0 \text{ mm}$
T	$4.0 \pm 0.2 \text{ mm}$
Lead Diameter	$0.8 \pm 0.05 \text{ mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Straight Leads	$5.1 \pm 0.5 \text{ mm}$
Coating Run Down	
В	$5.65 \pm 0.75 \text{ mm}$
С	$2.15 \pm 0.30 \text{ mm}$

CSA File Number: #CA118061 Revision Date: March 19, 2003

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