

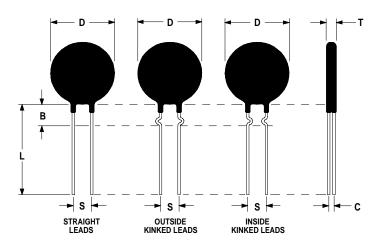
# **DATA SHEET**

# Part Number: SL12 1R010

## **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 SL12 1R010-A



#### **Electrical Specifications:**

Resistance @ 25°C	$1.0 \ \Omega \pm 20\%$
Max Steady State Current Up to 65°C	10.0 A
Max Recommended Energy Rating (Joules)	28.0 J
Actual Failure Point of Instantaneous Energy (Joules)	56.0 J
Resistance @ 100% of Max Current	0.027 Ω
Resistance @ 50% of Max Current	0.060 Ω
Body Temperature @ 100% Current Rating	182 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	47 seconds
Max Recommended Voltage	265 Vrms
Material Type	"A"
Max Recommended Capacitance @ 120VAC/240VAC	1900µF/475µF

#### **Mechanical Specifications:**

D	$12.0 \pm 1.0 \text{ mm}$
Т	$4.0 \pm 0.2 \text{ mm}$
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

Ametherm, Inc. 3111 N. Deer Run Road #4 Carson City, NV 89701 Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

## www.ametherm.com