

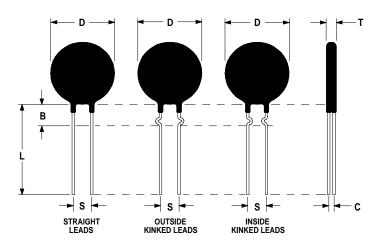
**DATA SHEET** 

# Part Number: SL12 5R005

## **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 5R005-A



### **Electrical Specifications:**

Resistance @ 25°C	$5.0 \ \Omega \pm 20\%$
Max Steady State Current Up to 65°C	5.0 A
Max Recommended Energy Rating (Joules)	25.0 J
Actual Failure Point of Instantaneous Energy (Joules)	50.0 J
Resistance @ 100% of Max Current	0.150 Ω
Resistance @ 50% of Max Current	0.300 Ω
Body Temperature @ 100% Current Rating	172 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	47 seconds
Max Recommended Capacitance @ 265Vrms	350µF
Max Voltage Rating	265Vrms

#### **Mechanical Specifications:**

D	$12.0 \pm 0.5 \text{ mm}$
Т	$5.1 \pm 0.2 \text{ mm}$
Lead Diameter	$0.8 \pm 0.1 \text{ mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Straight Leads	$5.0 \pm 1.0 \text{ mm}$
Coating Run Down	
В	$6.0 \pm 0.60 \text{ mm}$
С	$3.42 \pm 0.50 \text{ mm}$

CSA File Number: #CA118061

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