

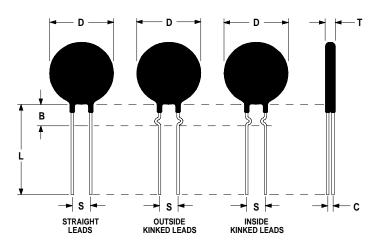
## **DATA SHEET**

# Part Number: SL15 2R507

### **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 SL15 2R507-A



#### **Electrical Specifications:**

Resistance @ 25°C	$2.50 \ \Omega \pm 20\%$
Max Steady State Current Up to 65°C	7.0 A
Max Recommended Energy Rating (Joules)	40.0 J
Actual Failure Point of Instantaneous Energy (Joules)	80.0 J
Resistance @ 100% of Max Current	$0.060~\Omega$
Resistance @ 50% of Max Current	0.150 Ω
Body Temperature @ 100% Current Rating	174 °C
Dissipation Constant	19mW/°C
Thermal Time Constant	75 seconds
Material Type	"В"
Max Recommended Capacitance @ 120VAC/240VAC	3100µF/750µF

#### **Mechanical Specifications:**

D	$15.0 \pm 0.5 \text{ mm}$
Т	$4.5 \pm 0.2 \text{ mm}$
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	$7.5 \pm 0.70 \text{ mm}$
С	$2.82 \pm 0.5 \text{ mm}$
Coating Run Down	$5.00 \pm 0.5 \text{ mm}$
on the Straight	
Leads	

CSA File Number: #CA118061

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