

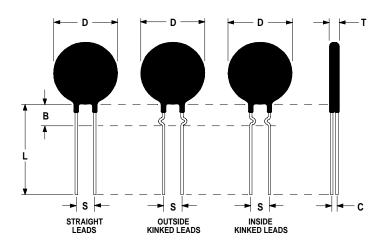
## **DATA SHEET**

Part Number: SL15 50003

## **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>SL15 50003 - A</u>



## **Electrical Specifications:**

Resistance @ 25°C	50.0 Ω ±25%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	45.0 J
Actual Failure Point of Instantaneous Energy (Joules)	100.0 J
Resistance @ 100% of Max Current	0.33 Ω
Resistance @ 50% of Max Current	0.70 Ω
Body Temperature @ 100% Current Rating	15mW/°C
Dissipation Constant	45 seconds
Thermal Time Constant	174 °C
Material Type	"I"
Max Recommended Capacitance @ 120VAC/ 265VAC	3000μF/750μF
ON Resistance @ 1.50 Amp	$0.750\Omega$

## **Mechanical Specifications:**

D	$15.0 \pm 0.5 \text{ mm}$
T	$5.0 \pm 0.2 \text{ mm}$
Lead Diameter	$0.8 \pm 0.1 \text{ mm}$
S	7.80 ±. 30 mm
L	$38.0 \pm 1.50 \text{ mm}$
Straight Leads	Standard
Coating Run Down	
В	$7.50 \pm 0.70 \text{ mm}$
С	$3.60 \pm 0.40 \text{ mm}$
Coating Run Down	$5.00 \pm 0.5 \text{ mm}$
on the Straight	
Leads	

CSA File Number: #CA118061 Revision Date: July 8, 2003

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