

## **DATA SHEET**

Part Number: SL15 0R710

## **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 0R710 - A</u>



## **Electrical Specifications:**

Resistance @ 25°C	$0.70~\Omega \pm 25\%$
Max Steady State Current Up to 65°C	10.0 A
Max Recommended Energy Rating (Joules)	45.0 J
Actual Failure Point of Instantaneous Energy (Joules)	90.0 J
Resistance @ 100% of Max Current	$0.055~\Omega$
Resistance @ 50% of Max Current	0.100 Ω
Body Temperature @ 100% Current Rating	186 °C
Dissipation Constant	15.9mW/°C
Thermal Time Constant	54 seconds
Material Type	"A"
Max Recommended Capacitance @ 120VAC/240VAC	3100μF/750μF

## **Mechanical Specifications:**

D	$15.0 \pm 0.5 \text{ mm}$
T	$4.5 \pm 0.2 \text{ mm}$
Lead Diameter	$0.8 \pm 0.1 \text{ mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Inside Kink	$5.0 \pm 1.0 \text{ mm}$
Dimension	
В	$7.50 \pm 0.70 \text{ mm}$
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 Revision Date: July 8, 2003

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