

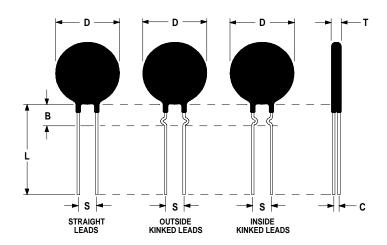
## **DATA SHEET**

Part Number: SL32 5R020

## **Ordering Different Lead Types:**

Inside Kinked Leads	Not Available
Outside Kinked Leads	Use <b>-B</b> after Ametherm's part #

For example: to order an inside kinked lead use part number <u>SL32 5R020-**B**</u>



## **Electrical Specifications:**

Resistance @ 25°C	$5.0 \Omega \pm 20\%$
Max Steady State Current Up to 65°C	20.0 A
Max Recommended Energy Rating (Joules)	200.0 J
Actual Failure Point of Instantaneous Energy (Joules)	300.0 J
Resistance @ 100% of Max Current	0.034 Ω
Resistance @ 50% of Max Current	0.082 Ω
Body Temperature @ 100% Current Rating	206 °C
Dissipation Constant	45.4mW/°C
Thermal Time Constant	194 seconds
Material Type	"H"
Max Recommended Voltage	265 Vrms

## **Mechanical Specifications:**

D	$30.0 \pm 2.5 \text{ mm}$
T	$5.0 \pm 1.0 \text{ mm}$
Lead Diameter	$1.0 \pm 0.1 \text{ mm}$
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	$9.22 \pm 0.85 \text{ mm}$
С	$3.82 \pm 1.0 \text{ mm}$

UL File Number: #E209153 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