

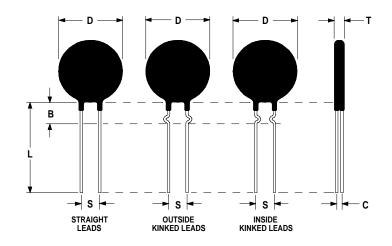
# **DATA SHEET**

Part Number: SL05 10002

## **Ordering Different Lead Types:**

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

For example: to order an inside kinked lead use part number <u>SL05</u> 10002-**A** 



### **Electrical Specifications:**

#### Resistance @ 25°C $10.0 \Omega \pm 20\%$ Resistance @ 0°C/ Resistance @ 50°C $4.95 \pm 1\%$ Resistance @ 25°C/ Resistance @ 125°C $12.8 \pm 2\%$ Beta $2929 \pm 0.87\%$ Max Steady State Current Up to 65°C 2.0 A Max Recommended Energy Rating (Joules) 2.0 JMax Capacitance @ 120VAC/240VAC $120 \mu F / 30 \mu F$ Material Type "B" 5.0 Mw/°C **Dissipation Constant** Thermal Time Constant 15.0 second Maximum "ON" Resistance @ 2.0 amp $0.115 \Omega$ Constant A for the formula shown below 0.273Constant B for the formula shown below -1.241

Rhot = (A) (I) EXP (B)

Where  $I = current \ 0.50 \ A \ge I \ge 3.0A$ 

# **Mechanical Specifications:**

D	5.6 mm Max
T	3.0 mm Max
Lead Diameter	0.5 mm Nom
S	5.0 mm Nom
L	38.0 mm Min
Straight Leads	Standard

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