

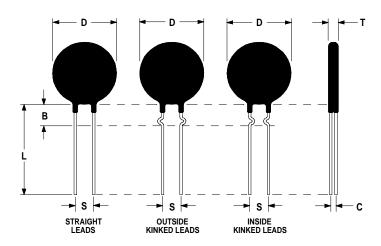
## **DATA SHEET**

Part Number: SL15 10006

## **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 10006 - A</u>



## **Electrical Specifications:**

| Resistance @ 25°C                                     | $10.0 \Omega \pm 20\%$ |
|---|------------------------|
| Max Steady State Current Up to 65°C                   | 6.0 A                  |
| Max Recommended Energy Rating (Joules)                | 55.0 J                 |
| Actual Failure Point of Instantaneous Energy (Joules) | 110.0 J                |
| Resistance @ 100% of Max Current                      | 0.151 Ω                |
| Resistance @ 50% of Max Current                       | 0.438 Ω                |
| Body Temperature @ 100% Current Rating                | 172 °C                 |
| Dissipation Constant                                  | 15.9mW/°C              |
| Thermal Time Constant                                 | 54 seconds             |
| Material Type   | "G"                    |
| Max Recommended Capacitance @ 265 VRMS                | 780 μF                 |

## **Mechanical Specifications:**

| D                | $15.0 \pm 0.5 \text{ mm}$  |
|------------------|----------------------------|
| T                | $4.5 \pm 0.2 \text{ mm}$   |
| Lead Diameter    | $0.80 \pm 0.1 \text{ mm}$  |
| S                | $7.8 \pm 2.0 \text{ mm}$   |
| L                | $38.0 \pm 9.0 \text{ mm}$  |
| Inside Kink      | $6.35 \pm 0.60 \text{ mm}$ |
| 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

www.ametherm.com