

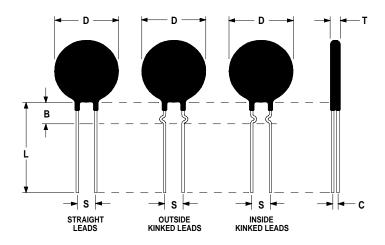
## **DATA SHEET**

Part Number: SL15 5R009-03

## **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 5R009-03-A</u>



## **Electrical Specifications:**

| Resistance @ 25°C                                     | $5.0 \Omega \pm 20\%$ |
|-------------------------------------------------------|-----------------------|
| Max Steady State Current Up to 65°C                   | 9.0 A                 |
| Max Recommended Energy Rating (Joules)                | 50.0 J                |
| Actual Failure Point of Instantaneous Energy (Joules) | 75.0 J                |
| Resistance @ 100% of Max Current                      | $0.067~\Omega$        |
| Resistance @ 50% of Max Current                       | 0.162 Ω               |
| Body Temperature @ 100% Current Rating                | 200 °C                |
| Dissipation Constant                                  | 23mW/°C               |
| Thermal Time Constant                                 | 54 seconds            |
| Material Type                                         | "C"                   |
| Max Recommended Voltage                               | 265 VAC               |
| Max Recommended Capacitance @ 120VAC/240VAC           | 3400μF/750μF          |

## **Mechanical Specifications:**

| D                | $15.0 \pm 1.0 \text{ mm}$  |
|------------------|----------------------------|
| T                | $5.0 \pm 0.2 \text{ mm}$   |
| Lead Diameter    | $1.0 \pm 0.05 \text{ mm}$  |
| S                | $7.8 \pm 2.0 \text{ mm}$   |
| L                | $38.0 \pm 9.0 \text{ mm}$  |
| Straight Leads   | $5.1 \pm 0.5 \text{ mm}$   |
| Coating Run Down |                            |
| В                | $7.50 \pm 0.70 \text{ mm}$ |
| С                | $3.82 \pm 1.0 \text{ mm}$  |
| Coating Run Down | $5.00 \pm 0.5 \text{ mm}$  |
| on the Straight  |                            |
| Leads            |                            |

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