

Part Number: SL15 25003

### 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 SL15 25003-A



### Electrical Specifications:

|   |                          |
|---|--------------------------|
| Resistance @ 25°C                                     | 25.0 $\Omega$ $\pm$ 20%  |
| Max Steady State Current Up to 65°C                   | 3.0 A                    |
| Max Recommended Energy Rating (Joules)                | 50.0 J                   |
| Actual Failure Point of Instantaneous Energy (Joules) | 105.0 J                  |
| Resistance @ 100% of Max Current                      | 0.300 $\Omega$           |
| Resistance @ 50% of Max Current                       | 0.680 $\Omega$           |
| Body Temperature @ 100% Current Rating                | 172 °C                   |
| Dissipation Constant                                  | 15.9mW/°C                |
| Thermal Time Constant                                 | 45 seconds               |
| Material Type   | "H"                      |
| Max Capacitance @ 120VAC/240VAC                       | 2800 $\mu$ F/700 $\mu$ F |

### Mechanical Specifications:

|  |                    |
|--|--------------------|
| D                                      | 15.0 $\pm$ 0.5 mm  |
| T                                      | 5.0 $\pm$ 0.2 mm   |
| Lead Diameter                          | 0.8 $\pm$ 0.1 mm   |
| S                                      | 7.8 $\pm$ 0.2 mm   |
| L                                      | 38.0 $\pm$ 1.50 mm |
| Straight Leads                         | Standard           |
| B                                      | 7.50 $\pm$ 0.70 mm |
| C                                      | 3.60 $\pm$ 0.40 mm |
| Coating Run Down on the Straight Leads | 5.00 $\pm$ 0.5 mm  |