

Part Number: SL12 15004

### 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 SL12 15004-A



### Electrical Specifications:

|   |                          |
|---|--------------------------|
| Resistance @ 25°C                                     | 15.0 $\Omega$ $\pm$ 15%  |
| Max Steady State Current Up to 65°C                   | 4.0 A                    |
| Max Recommended Energy Rating (Joules)                | 40.0 J                   |
| Actual Failure Point of Instantaneous Energy (Joules) | 105.0 J                  |
| Resistance @ 100% of Max Current                      | 0.160 $\Omega$           |
| Resistance @ 50% of Max Current                       | 0.338 $\Omega$           |
| Body Temperature @ 100% Current Rating                | 152 °C                   |
| Dissipation Constant                                  | 13.9mW/°C                |
| Thermal Time Constant                                 | 54 seconds               |
| Material Type   | "C"                      |
| Max Recommended Capacitance @ 120VAC/240VAC           | 2700 $\mu$ F/690 $\mu$ F |

### Mechanical Specifications:

|                  |                   |
|------------------|-------------------|
| D                | 12.0 $\pm$ 0.5 mm |
| T                | 5.5 $\pm$ 0.5 mm  |
| Lead Diameter    | 0.80 $\pm$ 0.1 mm |
| S                | 7.8 $\pm$ 2.0 mm  |
| L                | 20.0 $\pm$ 1.5 mm |
| Straight Leads   | See Dimension     |
| Coating Run Down | B below           |
| B                | 5.10 mm Max       |
| C                | 2.82 $\pm$ 0.5 mm |