

Part Number: SL10 4R004

### 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 SL10 4R004-A



### Electrical Specifications:

|                                                       |                        |
|-------------------------------------------------------|------------------------|
| Resistance @ 25°C                                     | 4.0 $\Omega$ $\pm$ 20% |
| Max Steady State Current Up to 65°C                   | 4.0 A                  |
| Max Recommended Energy Rating (Joules)                | 25.0 J                 |
| Actual Failure Point of Instantaneous Energy (Joules) | 60.0 J                 |
| Resistance @ 100% of Max Current @ 25 °C              | 0.178 $\Omega$         |
| Resistance @ 100% of Max Current @ 65 °C              | 0.150 $\Omega$         |
| Resistance @ 50% of Max Current @ 25 °C               | 0.369 $\Omega$         |
| Body Temperature @ 100% Current Rating                | 157 °C                 |
| Dissipation Constant                                  | 11.4mW/°C              |
| Thermal Time Constant                                 | 38 seconds             |

### Mechanical Specifications:

|                                |                    |
|--------------------------------|--------------------|
| D                              | 10.0 $\pm$ 0.5 mm  |
| T                              | 4.0 $\pm$ 0.5 mm   |
| Lead Diameter                  | 0.5 $\pm$ 0.1 mm   |
| S                              | 7.80 $\pm$ 0.8 mm  |
| L                              | 38.0 $\pm$ 3.0 mm  |
| Straight Lead Coating Run Down | 4.0 $\pm$ 1.0 mm   |
| B                              | 5.50 $\pm$ 0.50 mm |
| C                              | 2.30 $\pm$ 0.2 mm  |