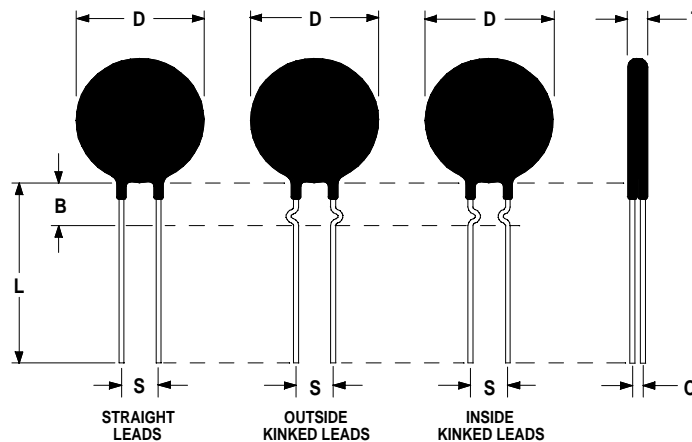


Part Number: SL12 20003

### 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 20003-A



### Electrical Specifications:

|   |                     |
|---|---------------------|
| Resistance @ 25°C                                     | 20.0 Ω ± 20%        |
| Max Steady State Current Up to 65°C                   | 3.0 A               |
| Max Recommended Energy Rating (Joules)                | 35.0 J              |
| Actual Failure Point of Instantaneous Energy (Joules) | 80.0 J              |
| Resistance @ 100% of Max Current                      | 0.487 Ω             |
| Resistance @ 50% of Max Current                       | 1.110 Ω             |
| Body Temperature @ 100% Current Rating                | 139 °C              |
| Dissipation Constant                                  | 12.7mW/°C           |
| Thermal Time Constant                                 | 47 seconds          |
| Max Recommended Voltage Rating                        | 265V <sub>rms</sub> |
| Material Type   | "H"                 |
| Max Recommended Capacitance @ 120VAC/240VAC           | 2000μF/500μF        |

### Mechanical Specifications:

|                                    |                |
|------------------------------------|----------------|
| D                                  | 12.0 ± 0.5 mm  |
| T                                  | 5.1 ± 0.2 mm   |
| Lead Diameter                      | 0.8 ± 0.1 mm   |
| S                                  | 7.8 ± 2.0 mm   |
| L                                  | 38.0 ± 9.0 mm  |
| Straight Leads<br>Coating Run Down | 5.0 ± 1.0 mm   |
| B                                  | 11.5 ± 3.50 mm |
| C                                  | 3.42 ± 0.50 mm |