

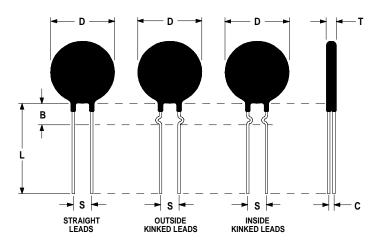
**DATA SHEET** 

## Part Number: SL10 20002

## **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 20002-A



## **Electrical Specifications:**

| Resistance @ 25°C                                     | $20.0 \ \Omega \pm 15\%$ |
|---|--------------------------|
| Max Steady State Current Up to 65°C                   | 2.0 A                    |
| Max Recommended Energy Rating (Joules)                | 15.0 J                   |
| Actual Failure Point of Instantaneous Energy (Joules) | 40.0 J                   |
| Resistance @ 100% of Max Current                      | 0.550 Ω                  |
| Resistance @ 50% of Max Current                       | 1.00 Ω                   |
| Body Temperature @ 100% Current Rating                | 139 °C                   |
| Dissipation Constant                                  | 11.0mW/°C                |
| Thermal Time Constant                                 | 25 seconds               |
| Material Type   | "G"                      |

## **Mechanical Specifications:**

| D                | $10.0 \pm 0.5 \text{ mm}$  |
|------------------|----------------------------|
| Т                | $3.0 \pm 0.2 \text{ mm}$   |
| Lead Diameter    | $0.8 \pm 0.1 \text{ mm}$   |
| S                | $5.1 \pm 1.0 \text{ mm}$   |
| L                | $12.7 \pm 1.0 \text{ mm}$  |
| Straight Lead    | $3.50 \pm 0.3 \text{ mm}$  |
| Coating Run Down |                            |
| В                | $11.5 \pm 3.50 \text{ mm}$ |
| С                | $2.2 \pm 0.3 \text{ mm}$   |

CSA File Number: #CA118061

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