

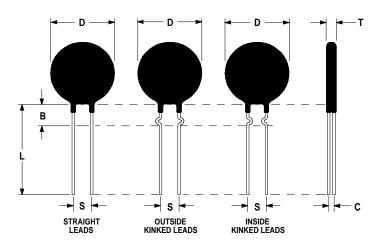
**DATA SHEET** 

## Part Number: SL22 2R508

## **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 SL22 2R508-A



## **Electrical Specifications:**

| Resistance @ 25°C                                     | $2.5 \ \Omega \pm 20\%$ |
|---|-------------------------|
| Max Steady State Current                              | 8.0 A                   |
| Max Recommended Energy Rating (Joules)                | 90.0 J                  |
| Actual Failure Point of Instantaneous Energy (Joules) | 200.0 J                 |
| Resistance @ 100% of Max Current                      | 0.060 Ω                 |
| Resistance @ 50% of Max Current                       | 0.140 Ω                 |
| Body Temperature @ 100% Current Rating                | 162 °C                  |
| Dissipation Constant                                  | 32.4 mW/°C              |
| Thermal Time Constant                                 | 94 seconds              |
| Max Recommended Capacitance @ 265 VAC                 | 1280 µF                 |
|   |                         |

## **Mechanical Specifications:**

| D                | $20.0 \pm 1.0 \text{ mm}$  |
|------------------|----------------------------|
| Т                | $5.0 \pm 0.2 \text{ mm}$   |
| Lead Diameter    | $1.0 \pm 0.1 \text{ mm}$   |
| S                | $7.8 \pm 2.0 \text{ mm}$   |
| L                | $38.0 \pm 9.0 \text{ mm}$  |
| Straight Leads   | $5.0 \pm 1.0 \text{ mm}$   |
| Coating Run Down |                            |
| В                | $9.22 \pm 0.90 \text{ mm}$ |
| С                | $3.82 \pm 1.0 \text{ mm}$  |

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