

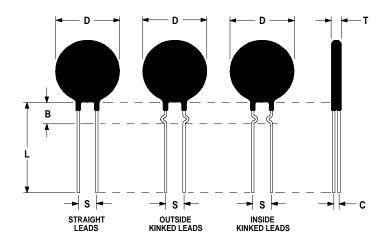
## **DATA SHEET**

Part Number: SL22 30005

## **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 <u>SL22 30005-A</u>



## **Electrical Specifications:**

| Resistance @ 25°C                                     | $30.0 \Omega \pm 20\%$ |
|---|------------------------|
| Max Steady State Current Up to 65°C                   | 5.0 A                  |
| Max Recommended Energy Rating (Joules)                | 80.0 J                 |
| Actual Failure Point of Instantaneous Energy (Joules) | 175.0 J                |
| Resistance @ 100% of Max Current                      | 0.390 Ω                |
| Resistance @ 50% of Max Current                       | 0.750 Ω                |
| Body Temperature @ 100% Current Rating                | 172 °C                 |
| Dissipation Constant                                  | 32.4mW/°C              |
| Thermal Time Constant                                 | 94 seconds             |
| Material Type   | "H"                    |
| Max Recommended Capacitance @ 120/240 VAC             | 5500μF/1300μF          |

## **Mechanical Specifications:**

| D                | $20.0 \pm 1.0 \text{ mm}$  |
|------------------|----------------------------|
| T                | $5.0 \pm 0.2 \text{ mm}$   |
| 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                | $11.5 \pm 3.50 \text{ mm}$ |
| С                | $3.82 \pm 1.0 \text{ mm}$  |
|                  |                            |

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