

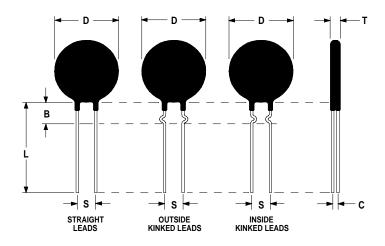
## **DATA SHEET**

Part Number: SL22 2R018

## **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 2R018-A</u>



## **Electrical Specifications:**

| Resistance @ 25°C                                     | $2.0 \Omega \pm 20\%$ |
|---|-----------------------|
| Max Steady State Current                              | 18.0 A                |
| Max Recommended Energy Rating (Joules)                | 90.0 J                |
| Actual Failure Point of Instantaneous Energy (Joules) | 200.0 J               |
| Resistance @ 100% of Max Current                      | 0.037 Ω               |
| Resistance @ 50% of Max Current                       | 0.092 Ω               |
| Body Temperature @ 100% Current Rating                | 214 °C                |
| Dissipation Constant                                  | 32.4mW/°C             |
| Thermal Time Constant                                 | 94 seconds            |
| Material Type   | "C"                   |
| Junction of Lead and PC Board Temp @ 50°C Ambient     | 74 °C                 |
| when Mounted 3/4" from the Bottom of the Disc         |                       |
| Max Recommended Capacitance @ 120/240/440 VAC         | 6000μF/1500μF         |
|   | /450µF                |

## **Mechanical Specifications:**

| $20.0 \pm 1.0 \text{ mm}$  |
|----------------------------|
| $5.0 \pm 0.2 \text{ mm}$   |
| $1.0 \pm 0.1 \text{ mm}$   |
| $7.8 \pm 2.0 \text{ mm}$   |
| $38.0 \pm 9.0 \text{ mm}$  |
| $5.0 \pm 1.0 \text{ mm}$   |
|                            |
| $9.35 \pm 0.85 \text{ mm}$ |
| $3.82 \pm 1.0 \text{ mm}$  |
|                            |

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