

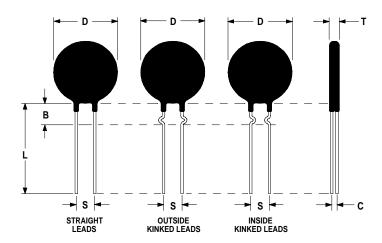
## **DATA SHEET**

Part Number: SL10 25002-31

## **Ordering Different Lead Types:**

Inside Kinked Leads	Use -A 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>SL10 25002-31-A</u>



## **Electrical Specifications:**

Resistance @ 25°C	$25.0 \Omega \pm 25\%$
Max Steady State Current Up to 65°C	2.0 A
Max Recommended Energy Rating (Joules)	20.0 J
Actual Failure Point of Instantaneous Energy (Joules)	40.0 J
Resistance @ 100% of Max Current	$0.40~\Omega$
Resistance @ 50% of Max Current	1.06 Ω
Body Temperature @ 100% Current Rating	134 °C
Dissipation Constant	9.4mW/°C
Thermal Time Constant	20 seconds
Material Type	"C"
Max Recommended Capacitance @ 120VAC/240VAC	800μF/175μF

## **Mechanical Specifications:**

D	$9.40 \pm 0.5 \text{ mm}$
T	$4.30 \pm 0.2 \text{ mm}$
Lead Diameter	$0.63 \pm 0.03 \text{ mm}$
S	$5.10 \pm 0.3 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Straight Lead	$5.0 \pm 1.0 \text{ mm}$
Coating Run Down	
В	$5.60 \pm 0.55 \text{ mm}$
С	$2.54 \pm 1.0 \text{ mm}$

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