



Circuit Protection Thermistors

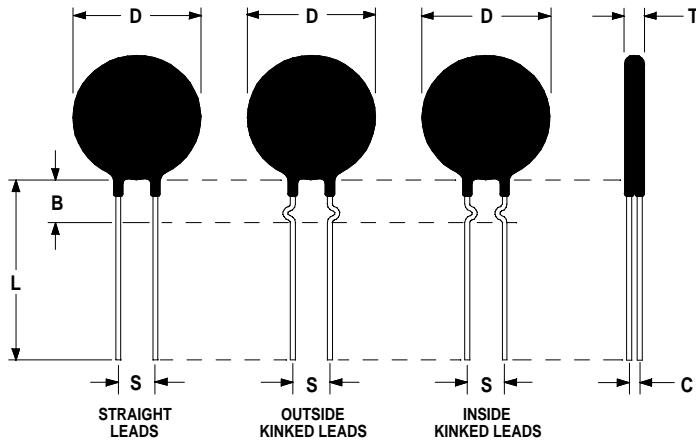
DATA SHEET

Part Number: SL08 10001

Ordering Different Lead Types:

Inside Kinked Leads	Use -A after Ametherm's part #
Outside Kinked Leads	Not Available

For example: to order an inside kinked lead use part number SL08 10001-A



Electrical Specifications:

Resistance @ 25°C	10.0 $\Omega \pm 20\%$
Max Steady State Current Up to 65°C	1.0 A
Max Recommended Energy Rating (Joules)	8.0 J
Actual Failure Point of Instantaneous Energy (Joules)	17.0 J
Resistance @ 100% of Max Current	0.680 Ω
Resistance @ 50% of Max Current	1.20 Ω
Power Consumption @ Max Current	1.935 Watts
Body Temperature @ 100% Current Rating	134 °C
Dissipation Constant	9.0mW/°C
Thermal Time Constant	27 Seconds

Mechanical Specifications:

D	8.0 ± 0.3 mm
T	3.5 ± 0.3 mm
Lead Diameter	0.5 ± 0.1 mm
S	6.35 ± 0.5 mm
L	38.0 ± 9.0 mm
Inside Kink	See Dimension B
B	7.5 ± 3.50 mm
C	2.82 ± 0.5 mm

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Ametherm:](#)

[SL08 10001](#)