

AMETHERM

Circuit Protection Thermistors

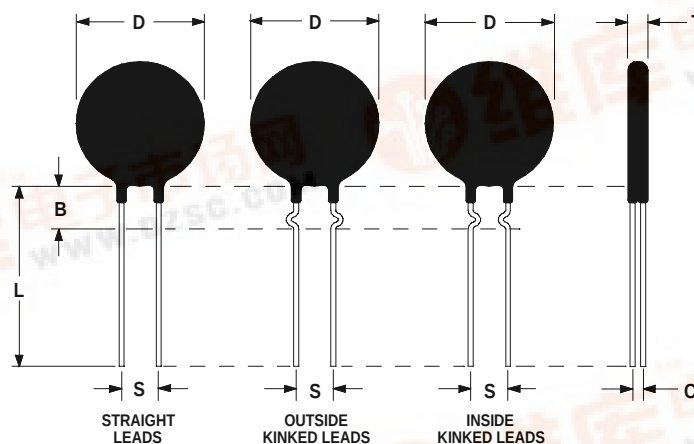
DATA SHEET

Part Number: SL10 10003

Ordering Different Lead Types:

Inside Kinked Leads	Use -A after Ametherm's part #
Outside Kinked Leads	Use -B after Ametherm's part #

For example: to order an inside kinked lead use part number SL10 10003-A



Electrical Specifications:

Resistance @ 25°C	10.0 Ω $\pm$ 15%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	17.0 J
Actual Failure Point of Instantaneous Energy (Joules)	35.0 J
Resistance @ 100% of Max Current	0.258 Ω
Resistance @ 50% of Max Current	0.567 Ω
Body Temperature @ 100% Current Rating	151 °C
Dissipation Constant	11.0mW/°C
Thermal Time Constant	30 seconds
Material Type	"C"
Max Recommended Capacitance @ 120VAC/240VAC	1100 μ F/ 300 μ F

Mechanical Specifications:

D	9.5 $\pm$ 1.0 mm
T	4.0 $\pm$ 0.5 mm
Lead Diameter	0.8 $\pm$ 0.1 mm
S	7.80 $\pm$ 1.0 mm
L	38.0 $\pm$ 3.0 mm
Straight Lead Coating Run Down	5.0 $\pm$ 1.0 mm
B	5.5 $\pm$ 0.50 mm
C	2.30 $\pm$ 0.2 mm

