



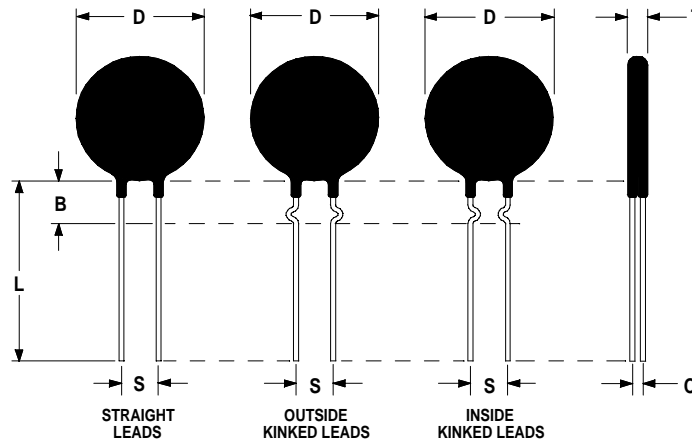
DATA SHEET

Part Number: SL12 8R003

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 SL12 8R003-A



Electrical Specifications:

Resistance @ 25°C	8.0 Ω ± 15%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	25.0 J
Actual Failure Point of Instantaneous Energy (Joules)	50.0 J
Resistance @ 100% of Max Current	0.170 Ω
Resistance @ 50% of Max Current	0.320 Ω
Body Temperature @ 100% Current Rating	129 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	47 seconds
Material Type	"C"
Max Recommended Capacitance @ 120VAC/240VAC	1700µF/ 430µF

Mechanical Specifications:

D	12.0 ± 0.5 mm
T	5.1 ± 0.2 mm
Lead Diameter	0.8 ± 0.1 mm
S	7.8 ± 2.0 mm
L	38.0 ± 9.0 mm
Straight Leads Coating Run Down	5.0 ± 1.0 mm
B	7.5 ± 3.50 mm
C	3.42 ± 0.50 mm