

AMETHERM

Circuit Protection Thermistors

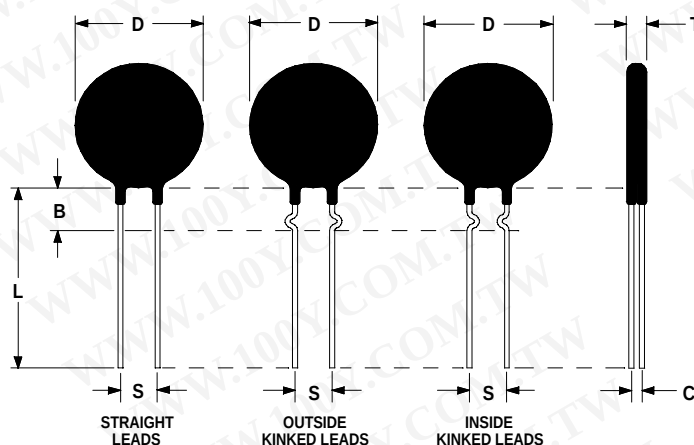
DATA SHEET

Part Number: SL15 2R507

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 SL15 2R507-A



Electrical Specifications:

Resistance @ 25°C	2.50 Ω $\pm$ 20%
Max Steady State Current Up to 65°C	7.0 A
Max Recommended Energy Rating (Joules)	40.0 J
Actual Failure Point of Instantaneous Energy (Joules)	80.0 J
Resistance @ 100% of Max Current	0.060 Ω
Resistance @ 50% of Max Current	0.150 Ω
Body Temperature @ 100% Current Rating	174 °C
Dissipation Constant	19mW/°C
Thermal Time Constant	75 seconds
Material Type	"B"
Max Recommended Capacitance @ 120VAC/240VAC	3100 μ F/750 μ F

Mechanical Specifications:

D	15.0 $\pm$ 0.5 mm
T	4.5 $\pm$ 0.2 mm
Lead Diameter	0.8 $\pm$ 0.1 mm
S	7.8 $\pm$ 2.0 mm
L	38.0 $\pm$ 9.0 mm
Straight Leads Coating Run Down	5.0 $\pm$ 1.0 mm
B	7.5 $\pm$ 0.70 mm
C	2.82 $\pm$ 0.5 mm
Coating Run Down on the Straight Leads	5.00 $\pm$ 0.5 mm

CSA File Number: #CA118061

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