AMETHERM
Circuit Protection Thermistors

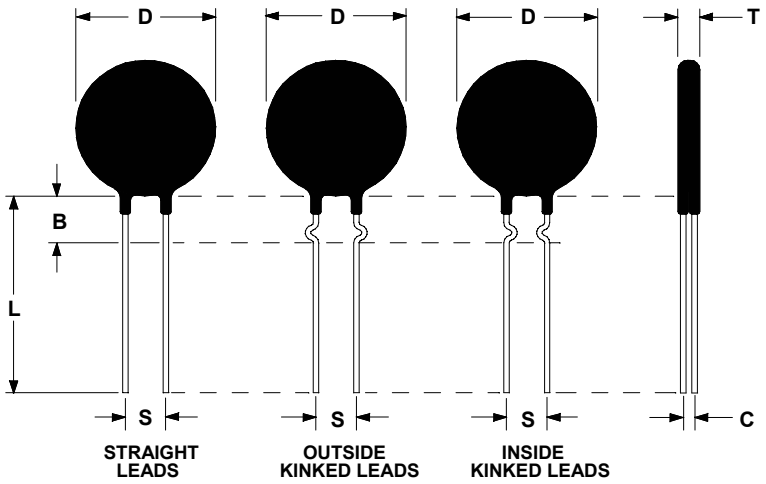
DATA SHEET

Part Number: SL18 2R508

Ordering Different Lead Types:

Inside Kinked Leads	Not available
Outside Kinked Leads	Use **–B** after Ametherm's Part #

For example: to order an outside kinked lead use part number SL18 2R508-**B**



Resistance @ 25°C	2.5Ω ± 20%
Max Steady State Current Up to 65°C	8.0 A
Max Recommended Energy Rating	90.0 J
Actual Failure Point of Instantaneous Energy	180.0 J
Resistance @ 100 % of Maximum Current	0.060 Ω
Resistance @ 50% of Maximum Current	0.140 Ω
Body Temperature at Maximum Current	180 °C
Dissipation Constant	25 mW/°C
Thermal Time Constant	100 seconds
Material Type	"B"
Maximum Capacitance @ 120/240 VAC	6000 µF/ 1500 µF

D	18.0 ± 1.0 mm
T	5.1 ± 0.5 mm
Lead Diameter	1.0± 0.1 mm
S	7.8 ± 1.0 mm
L	38.0 ± 5.0 mm
Coating Run Down Straight Leads	3.0mm Max
B	7.5 ± 1.0 mm
C	3.85 ± .5 mm

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