



Circuit Protection Thermistors

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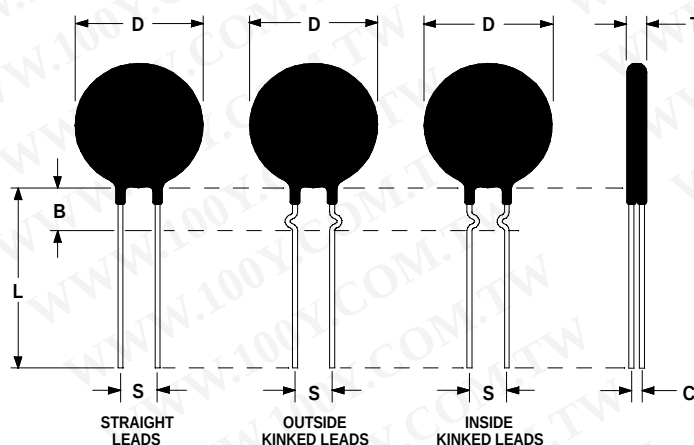
DATA SHEET

Part Number: SL22 2R018

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 SL22 2R018-A



Electrical Specifications:

Resistance @ 25°C	2.0 $\Omega \pm 20\%$
Max Steady State Current	18.0 A
Max Recommended Energy Rating (Joules)	90.0 J
Actual Failure Point of Instantaneous Energy (Joules)	200.0 J
Resistance @ 100% of Max Current	0.037 Ω
Resistance @ 50% of Max Current	0.092 Ω
Body Temperature @ 100% Current Rating	214 °C
Dissipation Constant	32.4mW/°C
Thermal Time Constant	94 seconds
Material Type	"C"
Junction of Lead and PC Board Temp @ 50°C Ambient when Mounted 3/4" from the Bottom of the Disc	74 °C
Max Recommended Capacitance @ 120/240/440 VAC	6000 μ F/1500 μ F /450 μ F

Mechanical Specifications:

D	20.0 ± 1.0 mm
T	5.0 ± 0.2 mm
Lead Diameter	1.0 ± 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	9.35 ± 0.85 mm
C	3.82 ± 1.0 mm

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