

AMETHERM

Circuit Protection Thermistors

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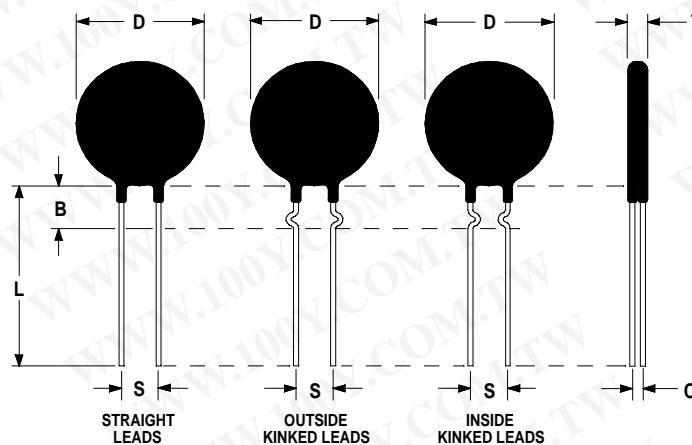
DATA SHEET

Part Number: SL22 7R010

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 7R010 -A



Electrical Specifications:

Resistance @ 25°C	7.0 Ω ± 20%
Max Steady State Current Up to 65°C	10.0 A
Max Recommended Energy Rating (Joules)	100.0 J
Actual Failure Point of Instantaneous Energy (Joules)	220.0 J
Resistance @ 100% of Max Current	0.080 Ω
Resistance @ 50% of Max Current	0.180 Ω
Body Temperature @ 100% Current Rating	212 °C
Dissipation Constant	32.4 Mw/°C
Thermal Time Constant	94 seconds
Material Type	"G"
Max Ambient Temp w/o Derating	65 °C
Max Recommended Capacitance @ 120/265/440 VAC	9000μF/2250μF /670μF

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	9.36 ± 0.85 mm
C	3.82 ± 1.0 mm

UL File Number: #E209153

Revision Date: March 19, 2003

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