



Circuit Protection Thermistors

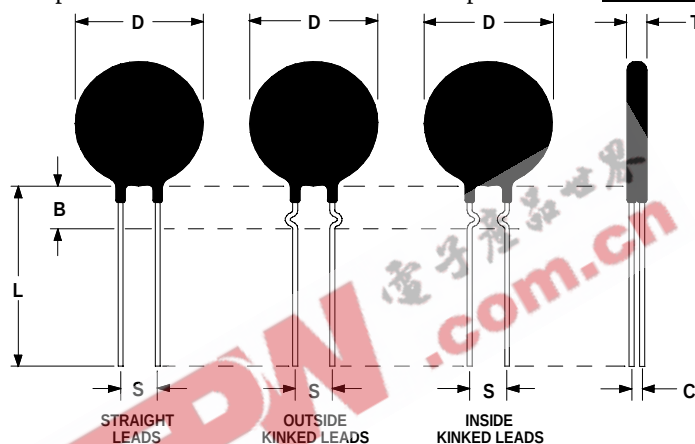
DATA SHEET

Part Number: SL22 30004

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 30004-A



Electrical Specifications:

Resistance @ 25°C	30.0 Ω $\pm$ 20%
Max Steady State Current Up to 65°C	4.0 A
Max Recommended Energy Rating (Joules)	80.0 J
Actual Failure Point of Instantaneous Energy (Joules)	175.0 J
Resistance @ 100% of Max Current	0.490 Ω
Resistance @ 50% of Max Current	0.850 Ω
Body Temperature @ 100% Current Rating	162 °C
Dissipation Constant	45.4Mw/°C
Thermal Time Constant	94 seconds
Material Type	"H"
Max Recommended Capacitance @ 120/240 VAC	5500 μ F/1300 μ F

Mechanical Specifications:

D	20.0 $\pm$ 1.0 mm
T	5.0 $\pm$ 0.2 mm
Lead Diameter	1.0 $\pm$ 0.1 mm
S	7.8 $\pm$ 2.0 mm
L	38.0 $\pm$ 9.0 mm
Straight Leads	5.0 $\pm$ 1.0 mm
Coating Run Down	
B	11.5 $\pm$ 3.5 mm
C	3.82 $\pm$ 1.0 mm

Temperature	R@T/R@25°C
25 °C	1.00
50 °C	0.418
75 °C	0.196
100 °C	0.099
125 °C	0.052

Temperature	R@T/R@25°C
-50 °C	38.99
-40 °C	21.41
-30 °C	12.25
-20 °C	7.27
-10 °C	4.46
0 °C	2.80

Revision Date: March 19, 2003

Ametherm, Inc. 3111 N. Deer Run Road #4 Carson City, NV 89701
Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

www.ametherm.com