

Part Number: SL22 16004

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 16004-A



Electrical Specifications:

Resistance @ 25°C	16.0 Ω \pm 20%
Max Steady State Current Up to 65°C	4.0 A
Max Recommended Energy Rating (Joules)	100.0 J
Actual Failure Point of Instantaneous Energy (Joules)	250.0 J
Resistance @ 100% of Max Current	0.248 Ω
Resistance @ 50% of Max Current	0.635 Ω
Body Temperature @ 100% Current Rating	157 °C
Dissipation Constant	38.0mW/°C
Thermal Time Constant	94 seconds
Max Recommended Capacitance @ 120VAC/265VAC	6900 μ F/1425 μ F

Current	Resistance
1.0 A	1.450 Ω
2.0 A	0.635 Ω
3.0 A	0.363 Ω
4.0 A	0.248 Ω
5.0 A	0.184 Ω
6.0 A	0.141 Ω

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	9.4 \pm 0.9 mm
L	38.0 \pm 9.0 mm
Straight Leads Coating Run Down	5.0 \pm 1.0 mm
B	9.35 \pm 0.85 mm
C	2.64 \pm 1.0 mm

UL File Number: #E209153

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



DATA SHEET

Part Number: SL22 16004

Resistance Temperature Curve:

Temperature	R@T/R@25°C
-50	29.27
-40	16.95
-30	10.14
-20	6.28
-10	4.03
0	2.64
10	1.78
20	1.26
25	1.00
30	0.838
40	0.598
50	0.433
60	0.320
70	0.240
80	0.184
90	0.142
100	0.109
110	0.0882
120	0.0712
125	0.0633
130	0.0584
140	0.0478
150	0.0381

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