

Part Number: SL22 16004

**Ordering Different Lead Types:**

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Use <b>-B</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 ± 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	6900µF/1425µF

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 ± 1.0 mm
T	5.0 ± 0.2 mm
Lead Diameter	1.0 ± 0.1 mm
S	9.4 ± 0.9 mm
L	38.0 ± 9.0 mm
Straight Leads Coating Run Down	5.0 ± 1.0 mm
B	9.35 ± 0.85 mm
C	2.64 ± 1.0 mm

UL File Number: #E209153

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**Ametherm, Inc.** 3111 N. Deer Run Road #4 Carson City, NV 89701  
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## DATA SHEET

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### 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

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