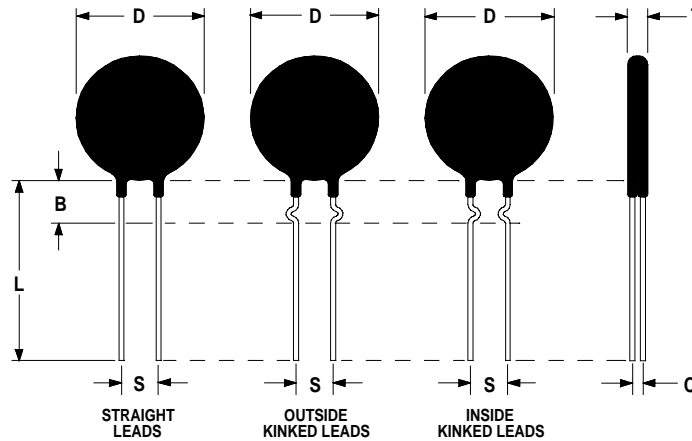


Part Number: SL22 5R012

### 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 5R012-A



### Electrical Specifications:

Resistance @ 25°C	5.0 Ω ± 15%
Max Steady State Current Up to 65°C	12.0 A
Max Recommended Energy Rating (Joules)	100.0 J
Actual Failure Point of Instantaneous Energy (Joules)	210.0 J
Resistance @ 100% of Max Current	0.05 Ω
Resistance @ 50% of Max Current	0.12 Ω
Body Temperature @ 100% Current Rating	214 °C
Dissipation Constant	32.4mW/°C
Thermal Time Constant	94 seconds
Material Type	"G"
Max Recommended Capacitance @120/240/440VAC	6000µF/1500µF/450µF

### 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
Outside Kink	5.0 ± 1.0 mm
Coating Run Down	
B	9.22 ± 0.85 mm
C	3.82 ± 1.0 mm

Amp	Voltage	Resistance Hot	Power
1 A	0.615 V	0.615 Ω	0.615
2 A	0.550 V	0.275 Ω	1.1
3 A	0.515 V	0.171 Ω	1.545
4 A	0.930 V	0.232 Ω	3.72
5 A	0.899 V	0.179 Ω	4.50
6 A	0.874 V	0.145 Ω	5.24

Amp	Voltage	Resistance Hot	Power
7 A	0.820 V	0.117 Ω	5.74
8 A	0.789 V	0.098 Ω	6.31
9 A	0.722 V	0.080 Ω	6.49
10 A	0.670 V	0.067 Ω	6.70
11 A	0.638 V	0.058 Ω	7.02
12 A	0.620 V	0.051 Ω	7.44

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](http://www.ametherm.com)