

Part Number: SL08 2R503

### Ordering Different Lead Types:

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Not Available

For example: to order an inside kinked lead use part number SL08 2R503-A



### Electrical Specifications:

Resistance @ 25°C	2.50 $\Omega$ $\pm$ 20%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	10.0 J
Actual Failure Point of Instantaneous Energy (Joules)	20.0 J
Resistance @ 100% of Max Current	0.185 $\Omega$
Resistance @ 50% of Max Current	0.406 $\Omega$
Body Temperature @ 100% Current Rating	165 °C
Dissipation Constant	9.0 mw/°C
Thermal Time Constant	25 seconds
Operating Temperature Range	-50°C/+70°C

### Mechanical Specifications:

D	8.0 $\pm$ 0.8 mm
T	3.0 $\pm$ 0.5 mm
Lead Diameter	0.5 mm Nom
S	6.0 mm Nom
L	38.0 mm Min
Straight Leads	Standard

Temperature	R@T/R@25°C	Temperature	R@T/R@25°C
-50°C	5.873	25°C	1.000
-40°C	3.435	50°C	0.512
-30°C	2.840	70°C	0.312
-20°C	2.399	100°C	0.152
-10°C	1.998	125°C	0.09999
0°C	1.312		

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**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)