

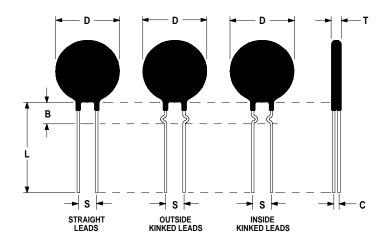
DATA SHEET

Part Number: SL12 2R503

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 <u>SL12 2R503-A</u>



Electrical Specifications:

Resistance @ 25°C	$2.5 \Omega \pm 25\%$
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	36.0 J
Actual Failure Point of Instantaneous Energy (Joules)	75.0 J
Resistance @ 100% of Max Current	0.205 Ω
Resistance @ 50% of Max Current	0.293 Ω
Body Temperature @ 100% Current Rating	126 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	47 seconds
Material Type	"B"
Max Recommended Capacitance @ 120VAC/240VAC	2400μF/ 620μF

Mechanical Specifications:

D	$12.0 \pm 0.5 \text{ mm}$
T	$5.1 \pm 0.2 \text{ mm}$
Lead Diameter	$0.8 \pm 0.1 \text{ mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Straight Leads	$5.0 \pm 1.0 \text{ mm}$
Coating Run Down	
В	$7.5 \pm 3.50 \text{ mm}$
С	$3.42 \pm 0.50 \text{ mm}$

CSA File Number: #CA118061 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