AMETHERM
Circuit Protection Thermistors

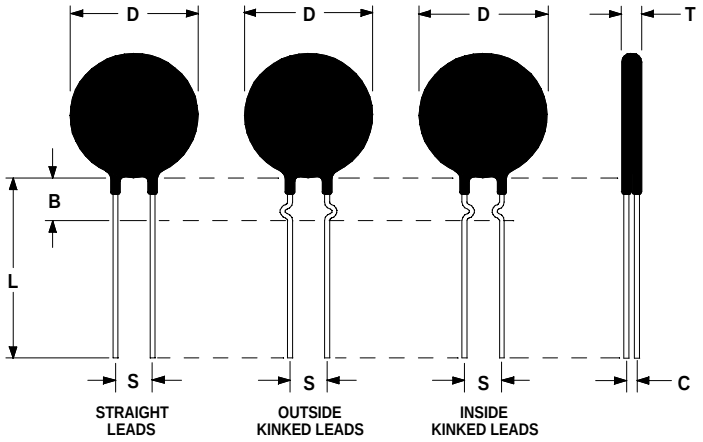
DATA SHEET

Part Number: SL22 12102

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 12102-**A**



Electrical Specifications:

Resistance @ 25°C	120.0 Ω ± 25%
Max Steady State Current Up to 65°C	2.0 A
Max Recommended Energy Rating (Joules)	80.0 J
Actual Failure Point of Instantaneous Energy (Joules)	170.0 J
Resistance @ 100% of Max Current	1.85 Ω
Resistance @ 50% of Max Current	3.70 Ω
Body Temperature @ 100% Current Rating	140 °C
Dissipation Constant	32.4mW/°C
Thermal Time Constant	94 seconds
Material Type	"L"
Max Recommended Capacitance @ 120/240 VAC	5000µF/1250µF

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
Straight Leads Coating Run Down	5.0 ± 1.0 mm
B	11.5 ± 3.5 mm
C	3.82 ± 1.0 mm

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