AMETHERM
Circuit Protection Thermistors

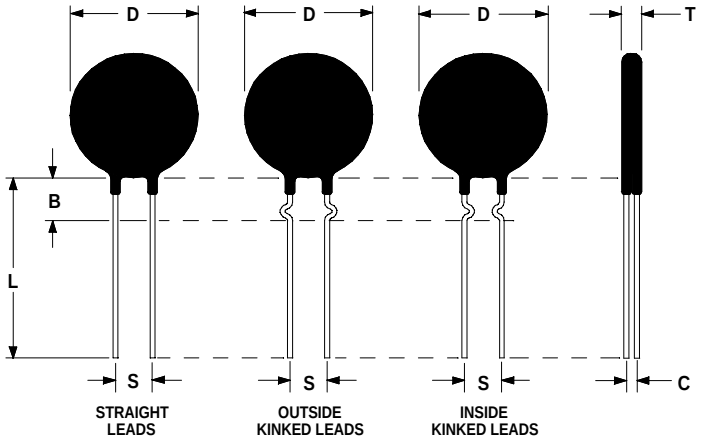
DATA SHEET

Part Number: SL12 5R003

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 SL12 5R003-**A**



Electrical Specifications:

Resistance @ 25°C	5.0 Ω ± 20%
Max Steady State Current Up to 65°C	3.0 A
Max Recommended Energy Rating (Joules)	25.0 J
Actual Failure Point of Instantaneous Energy (Joules)	50.0 J
Resistance @ 100% of Max Current	0.200 Ω
Resistance @ 50% of Max Current	0.450 Ω
Body Temperature @ 100% Current Rating	162 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	47 seconds
Max Recommended Capacitance @ 265Vrms	350µF
Max Voltage Rating	265Vrms
Material Type	"B"

Mechanical Specifications:

D	12.0 ± 0.5 mm
T	5.1 ± 0.2 mm
Lead Diameter	0.8 ± 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 ± 3.50 mm
C	3.42 ± 0.50 mm

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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