AMETHERM
Circuit Protection Thermistors

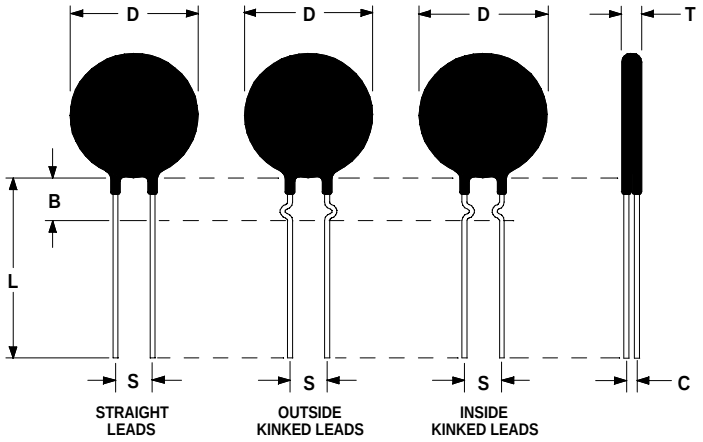
DATA SHEET

Part Number: SL05 20002

Ordering Different Lead Types:

Inside Kinked Leads	Use **-A** after Ametherm's part #
Outside Kinked Leads	Not Available

For example: to order an inside kinked lead use part number SL05 20002**-A**



Electrical Specifications:

Resistance @ 25°C	20.0 Ω ± 20%
Resistance @ 0°C/ Resistance @ 50°C	5.6 ± 1%
Resistance @ 25°C/ Resistance @ 125°C	14.1 ± 2%
Beta	3100 ± 0.87%
Max Steady State Current Up to 65°C	2.0 A
Resistance @ Max Steady State Current	0.50 Ω
Resistance @ 50% of Max SSI	0.97 Ω
Max Recommended Energy Rating (Joules)	5.0 J
Actual Failure Point of Energy (Joules)	12.0 J
Dissipation Constant	4.0 Mw/°C
Thermal Time Constant	20 Seconds
Temp Coefficient of Resistance @ 25°C	-3.39% /°C

Mechanical Specifications:

D	5.5 ± 0.5 mm
T	2.7± 0.4 mm
Lead Diameter	0.5 mm Nom
S	5.1 mm Nom
L	38.0 mm Min
Straight Leads	Silicone resin

Temperature	R@T/R@25°C
-50	26.32
-40	15.41
-30	9.357
-20	5.870
-10	3.792
0	2.514

Temperature	R@T/R@25°C
25	1.000
50	0.4510
75	0.2259
100	0.1232
125	0.0711

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