

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Ametherm](#)

[SL12 5R005](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

AMETHERM
Circuit Protection Thermistors

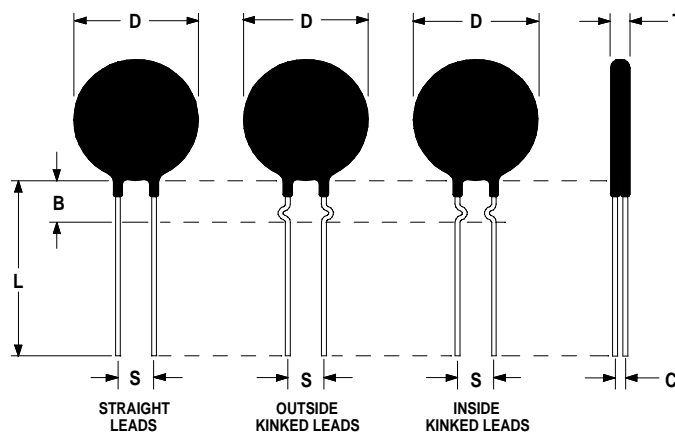
DATA SHEET

Part Number: SL12 5R005

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 5R005-A



Electrical Specifications:

Resistance @ 25°C	5.0 Ω ± 20%
Max Steady State Current Up to 65°C	5.0 A
Max Recommended Energy Rating (Joules)	25.0 J
Actual Failure Point of Instantaneous Energy (Joules)	50.0 J
Resistance @ 100% of Max Current	0.150 Ω
Resistance @ 50% of Max Current	0.300 Ω
Body Temperature @ 100% Current Rating	172 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	47 seconds
Max Recommended Capacitance @ 265Vrms	350µF
Max Voltage Rating	265Vrms

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	6.0 ± 0.60 mm
C	3.42 ± 0.50 mm