

DATA SHEET

Part Number: SL12 12004

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 12004-A</u>



Electrical Specifications:

Resistance @ 25°C	$12.0~\Omega \pm 10\%$
Max Steady State Current Up to 65°C	4.0 A
Max Recommended Energy Rating (Joules)	40.0 J
Actual Failure Point of Instantaneous Energy (Joules)	90.0 J
Resistance @ 100% of Max Current	$0.220~\Omega$
Resistance @ 50% of Max Current	0.510Ω
Body Temperature @ 100% Current Rating	139 °C
Dissipation Constant	12.7mW/°C
Thermal Time Constant	42 seconds
Material Type	"C"
Max Recommended Voltage	265Vrms
Max Recommended Capacitance @ 120VAC/240VAC	2700μF/690μF

Mechanical Specifications:

D	$11.5 \pm 1.0 \text{ mm}$
T	8.9 mm Max
Lead Diameter	$0.8 \pm 0.1 \text{ mm}$
S	$8.0 \pm 0.50 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Straight Leads	$5.0 \pm 1.0 \text{ mm}$
Coating Run Down	
В	$6.35 \pm 0.60 \text{ mm}$
С	$3.00 \pm 0.5 \text{ mm}$
L Straight Leads Coating Run Down B	$38.0 \pm 9.0 \text{ mm}$ $5.0 \pm 1.0 \text{ mm}$ $6.35 \pm 0.60 \text{ mm}$

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