

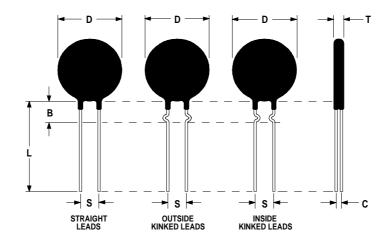
DATA SHEET

Part Number: SL10 10004

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 SL10 10004-A



Electrical Specifications:

Resistance @ 25°C	$10.0~\Omega \pm 20\%$
Max Steady State Current Up to 65°C	4.0 A
Max Recommended Energy Rating (Joules)	17.0 J
Actual Failure Point of Instantaneous Energy (Joules)	35.0 J
Resistance @ 100% of Max Current	0.22Ω
Resistance @ 50% of Max Current	0.40 Ω
Body Temperature @ 100% Current Rating	161 °C
Dissipation Constant	11.5mW/°C
Thermal Time Constant	35 seconds
Material Type	"C"
Max Recommended Capacitance @ 120VAC/240VAC	1100μF /300 μF

Mechanical Specifications:

$\begin{array}{cccc} D & 10.0 \pm 1.0 \text{ mm} \\ T & 3.5 \pm 1.0 \text{ mm} \\ Lead Diameter & 0.5 \pm 0.1 \text{ mm} \\ S & 4.5 \pm 2.0 \text{ mm} \\ L & 38.0 \pm 3.0 \text{ mm} \\ Straight Leads & 5.0 \pm 1.0 \text{ mm} \\ Coating Run Down & & & & & & \\ B & 4.5 \pm 3.0 \text{ mm} \\ C & 2.20 \pm 0.2 \text{ mm} \end{array}$		
Lead Diameter $0.5 \pm 0.1 \text{ mm}$ S $4.5 \pm 2.0 \text{ mm}$ L $38.0 \pm 3.0 \text{ mm}$ Straight Leads Coating Run Down B $4.5 \pm 3.0 \text{ mm}$	D	$10.0 \pm 1.0 \text{ mm}$
$\begin{array}{ccc} S & 4.5 \pm 2.0 \text{ mm} \\ L & 38.0 \pm 3.0 \text{ mm} \\ \text{Straight Leads} & 5.0 \pm 1.0 \text{ mm} \\ \text{Coating Run Down} & \\ B & 4.5 \pm 3.0 \text{ mm} \end{array}$	T	$3.5 \pm 1.0 \text{ mm}$
L $38.0 \pm 3.0 \text{ mm}$ Straight Leads $5.0 \pm 1.0 \text{ mm}$ Coating Run Down B $4.5 \pm 3.0 \text{ mm}$	Lead Diameter	$0.5 \pm 0.1 \text{ mm}$
Straight Leads $5.0 \pm 1.0 \text{ mm}$ Coating Run Down B $4.5 \pm 3.0 \text{ mm}$	S	$4.5 \pm 2.0 \text{ mm}$
Coating Run Down B 4.5 ± 3.0 mm	L	$38.0 \pm 3.0 \text{ mm}$
B $4.5 \pm 3.0 \text{ mm}$	Straight Leads	$5.0 \pm 1.0 \text{ mm}$
2 1.5 ± 5.0 mm	Coating Run Down	
C $2.20 \pm 0.2 \text{ mm}$	В	$4.5 \pm 3.0 \text{ mm}$
	С	$2.20 \pm 0.2 \text{ mm}$

CSA File Number: #CA118061 REV A Revision Date: February 1, 2005

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