

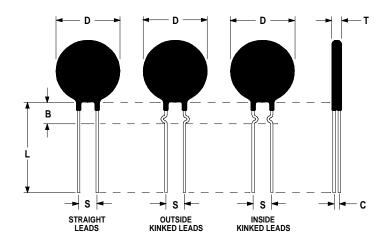
DATA SHEET

Part Number: SL08 2R504

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 <u>SL08 2R504-A</u>



Electrical Specifications:

Resistance @ 25°C	$2.50 \Omega \pm 20\%$
Max Steady State Current Up to 65°C	4.0 A
Max Recommended Energy Rating (Joules)	8.0 J
Actual Failure Point of Instantaneous Energy (Joules)	24.0 J
Resistance @ 100% of Max Current	0.150Ω
Body Temperature @ 100% Current Rating	144 °C
Junction Temperature where the leads are soldered to	67 °C
PC board	
Dissipation Constant	8.0 mw/°C
Thermal Time Constant	10 seconds
Material Type	"A"
Power Consumption @ Max Current	2.67 watts

Mechanical Specifications:

D	$8.0 \pm 0.3 \text{ mm}$
T	$3.5 \pm 0.3 \text{ mm}$
Lead Diameter	$0.5 \pm 0.1 \text{ mm}$
S	$6.35 \pm 0.5 \text{ mm}$
L	$38.0 \pm 9.0 \text{ mm}$
Inside Kink	See Dimension
Dimension	B Below
В	$5.5 \pm 0.50 \text{ mm}$
С	$2.82 \pm 0.5 \text{ mm}$

CSA File #: CA 118061 Revision Date: March 19, 2003

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