

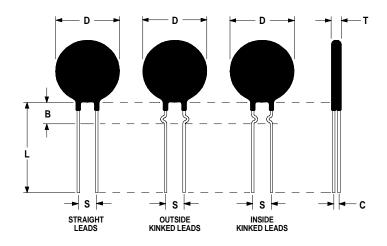
DATA SHEET

Part Number: SL15 7R005

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>SL15 7R005-A</u>



Electrical Specifications:

Resistance @ 25°c	$7.0~\Omega \pm 20\%$
Max Steady State Current Up to 65°C	5.0 A
Max Recommended Energy Rating (Joules)	60.0 J
Actual Failure Point of Instantaneous Energy (Joules)	120.0 J
Resistance @ 100% of Max Current	0.088Ω
Resistance @ 50% of Max Current	0.173 Ω
Body Temperature @ 100% Current Rating	172 °C
Dissipation Constant	15.9mW/°C
Thermal Time Constant	54 seconds
Material Type	"G"

Mechanical Specifications:

D	$15.0 \pm 0.5 \text{ mm}$
T	$4.5 \pm 0.2 \text{ mm}$
Lead Diameter	$0.8 \pm 0.1 \; \text{mm}$
S	$7.8 \pm 2.0 \text{ mm}$
L	9.0 ± 1.1 mm
Straight Leads	4.7 mm Max
Coating Run Down	Dimension "B"
В	3.2 mm Min
С	$2.82 \pm 0.5 \text{ mm}$

CSA File Number: #CA118061 Revision Date: April 13, 2005

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