

# AMETHERM

Circuit Protection Thermistors

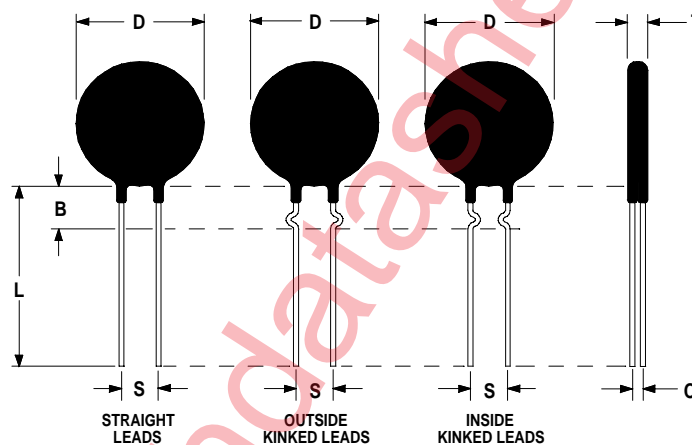
## DATA SHEET

Part Number: SL15 80002

### Ordering Different Lead Types:

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Use <b>-B</b> after Ametherm's part #

For example: to order an inside kinked lead use part number SL15 80002-A



### Electrical Specifications:

Resistance @ 25°C	80.0 $\Omega$ $\pm$ 25%
Max Steady State Current Up to 65°C	2.0 A
Max Recommended Energy Rating (Joules)	45.0 J
Actual Failure point of Instantaneous Energy (Joules)	100.0 J
Resistance @ 100% of Max Current	0.830 $\Omega$
Resistance @ 50% of Max Current	1.400 $\Omega$
Body Temperature @ 100% Current Rating	174 °C
Dissipation Constant	18mW/°C
Thermal Time Constant	54 seconds
Material Type	"M"
Max Capacitance @ 120VAC/240VAC	3000 $\mu$ F/750 $\mu$ F
ON Resistance @ 1.50 Amp	0.948 $\Omega$

### Mechanical Specifications:

D	15.0 $\pm$ 0.5 mm
T	5.0 $\pm$ 0.2 mm
Lead Diameter	0.8 $\pm$ 0.1 mm
S	7.8 $\pm$ 0.30 mm
L	38.0 $\pm$ 1.50 mm
Straight Leads	Standard
B	7.50 $\pm$ 0.70 mm
C	3.60 $\pm$ 0.40 mm
Coating Run Down on the Straight Leads	5.00 $\pm$ 0.5 mm

CSA File Number: #CA118061

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**Ametherm, Inc.** 3111 N. Deer Run Road #4 Carson City, NV 89701  
Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

[www.ametherm.com](http://www.ametherm.com)