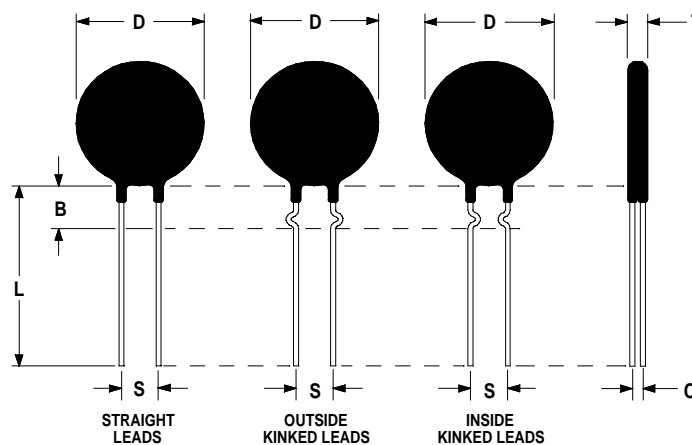


Part Number: MS15 15004

### 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 MS15 15004-A



### Electrical Specifications:

Resistance @ 25°C	15.0 Ω ± 25%
Max Steady State Current Up to 65°C	4.5A
Max Recommended Energy Rating (Joules)	155.0 J
Actual Failure Point of Instantaneous Energy (Joules)	310.0 J
Resistance @ 100% of Max Current	0.200 Ω
Resistance @ 50% of Max Current	0.850 Ω
Body Temperature @ 100% Current Rating	144 °C
Dissipation Constant	49.4mW/°C
Thermal Time Constant	114 seconds
Material Type	"G"
Max Recommended Capacitance @120/240/440VAC	10500μF/2600μF/ 800μF

### Mechanical Specifications:

D	15.0 ± 1.0 mm
T	7.0 ± 0.7 mm
Lead Diameter	1.0 ± 0.1 mm
S	7.8 ± 2.0 mm
L	38.0 ± 9.0 mm
Straight Leads Coating Run Down	5.0 ± 1.0 mm
B	6.30 ± 0.60 mm
C	6.50 ± 0.60 mm

Revision Date: March 19, 2003

**Ametherm, Inc.** 3111 N. Deer Run Road #4 Carson City, NV 89701  
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