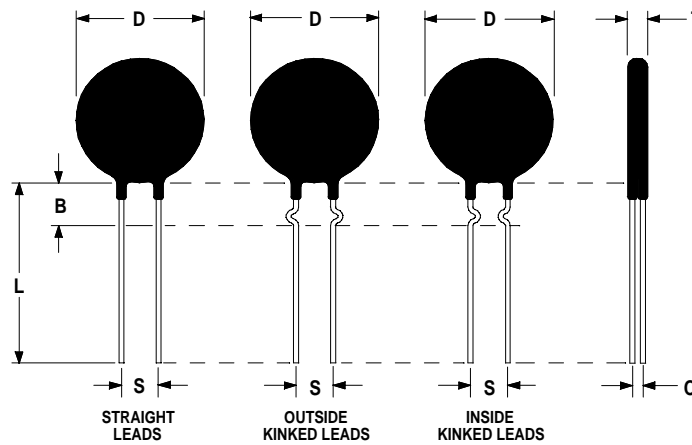


Part Number: MS12 15102

### 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 MS12 15102-A



### Electrical Specifications:

Resistance @ 25°C	150.0 $\Omega$ $\pm$ 25%
Max Steady State Current Up to 65°C	2.0 A
Max Recommended Energy Rating (Joules)	110.0 J
Actual Failure Point of Instantaneous Energy (Joules)	231.0 J
Resistance @ 100% of Max Current	1.040 $\Omega$
Resistance @ 50% of Max Current	2.700 $\Omega$
Body Temperature @ 100% Current Rating	172 °C
Dissipation Constant	12.7 mW/°C
Thermal Time Constant	71 seconds
Material Type	"T"
Max Recommended Capacitance @ 120/240/440 VAC	7500 $\mu$ F/1900 $\mu$ F/ 570 $\mu$ F

### Mechanical Specifications:

D	12.0 $\pm$ 0.5 mm
T	7.0 $\pm$ 1.3 mm
Lead Diameter	1.0 $\pm$ 0.1 mm
S	7.8 $\pm$ 2.0 mm
L	38.0 $\pm$ 9.0 mm
Straight Leads Coating Run Down	5.0 $\pm$ 1.0 mm
B	6.35 $\pm$ 0.60 mm
C	3.42 $\pm$ 0.5 mm

Revision Date: March 19, 2003

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