AMETHERM
Circuit Protection Thermistors

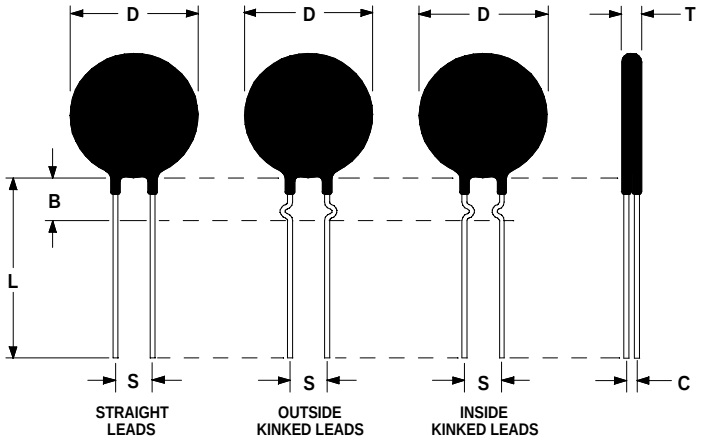
DATA SHEET

Part Number: MS12 15102

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 MS12 15102-**A**



Electrical Specifications:

Resistance @ 25°C	150.0 Ω ± 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 Ω
Resistance @ 50% of Max Current	2.700 Ω
Body Temperature @ 100% Current Rating	172 °C
Dissipation Constant	12.7 mW/°C
Thermal Time Constant	71 seconds
Material Type	"I"
Max Recommended Capacitance @ 120/240/440 VAC	7500µF/1900µF/ 570µF

Mechanical Specifications:

D	12.0 ± 0.5 mm
T	7.0 ± 1.3 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	6.35 ± 0.60 mm
C	3.42 ± 0.5 mm

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