AMETHERM
Circuit Protection Thermistors

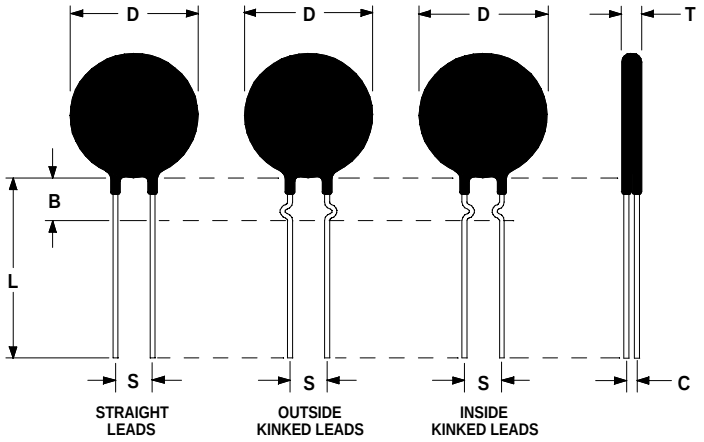
DATA SHEET

Part Number: MS22 12102

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 MS22 12102-**A**



Electrical Specifications:

Resistance @ 25°C	120.0 Ω ± 25%
Max Steady State Current Up to 65°C	2.0 A
Max Recommended Energy Rating (Joules)	220.0 J
Actual Failure Point of Instantaneous Energy (Joules)	450.0 J
Resistance @ 100% of Max Current	1.780 Ω
Resistance @ 50% of Max Current	3.650 Ω
Body Temperature @ 100% Current Rating	155 °C
Dissipation Constant	75.4mW/°C
Thermal Time Constant	124 seconds
Material Type	"M"
Max Recommended Capacitance @120VAC/240VAC/ 440VAC/700VAC	15000µF 3800µF 1100µF/450µF

Mechanical Specifications:

D	20.0 ± 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	9.3 ± 0.85 mm
C	3.82 ± 1.0 mm

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