

# AMETHERM

Circuit Protection Thermistors

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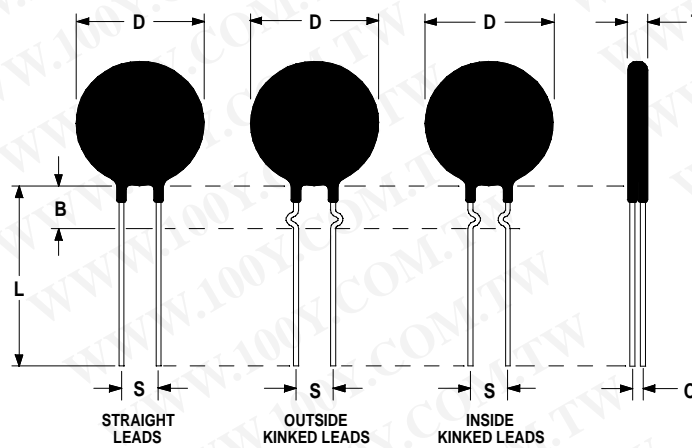
## DATA SHEET

Part Number: MS22 75004

### 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 MS22 75004-A



### Electrical Specifications:

Resistance @ 25°C	75.0 Ω ± 25%
Max Steady State Current Up to 65°C	4.0 A
Max Recommended Energy Rating (Joules)	240.0 J
Actual Failure Point of Instantaneous Energy (Joules)	430.0 J
Resistance @ 100% of Max Current	0.410 Ω
Resistance @ 50% of Max Current	0.899 Ω
Body Temperature @ 100% Current Rating	169 °C
Dissipation Constant	51.8mW/°C
Thermal Time Constant	122 seconds
Beta	3500 °K
Max Recommended Capacitance @ 265Vrms/440VAC	3400μF/1200μF

### 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	9.2 ± 0.85 mm
C	3.82 ± 1.0 mm

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