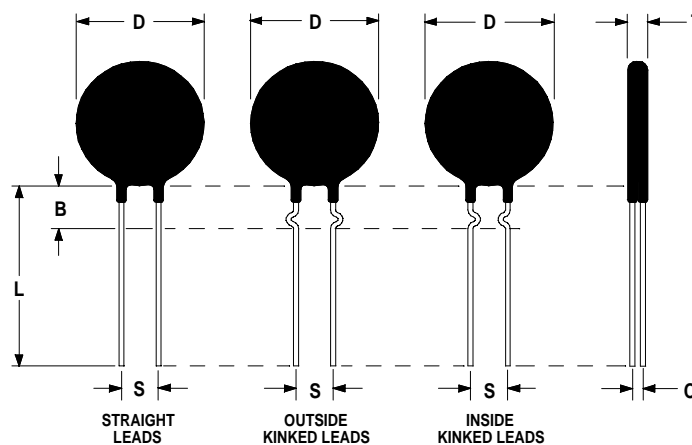


Part Number: MS22 12102

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 |

Revision Date: March 19, 2003

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