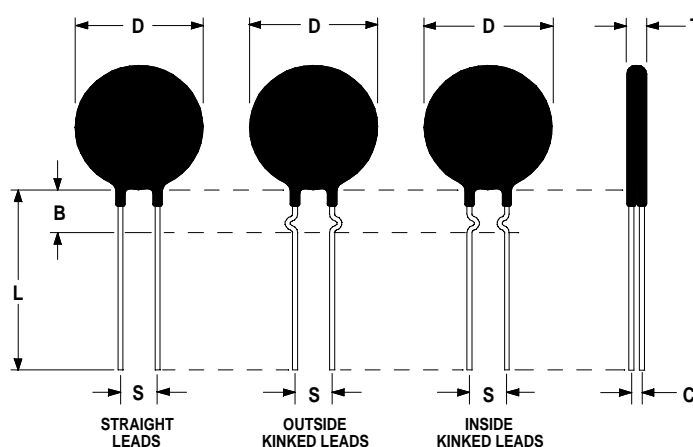


Part Number: MS22 22103

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 22103-A



Electrical Specifications:

| | |
|-------------------------------------------------------|---------------------------|
| Resistance @ 25°C | 220.0 $\Omega \pm 25\%$ |
| Max Steady State Current Up to 65°C | 3.5 A |
| Max Recommended Energy Rating (Joules) | 75.0 J |
| Actual Failure Point of Instantaneous Energy (Joules) | 175.0 J |
| Resistance @ 100% of Max Current | 1.400 Ω |
| Resistance @ 50% of Max Current | 2.750 Ω |
| Body Temperature @ 100% Current Rating | 144 °C |
| Dissipation Constant | 45.4mW/°C |
| Thermal Time Constant | 114 seconds |
| Material Type | "L" |
| Max Recommended Capacitance @120VAC/240VAC | 5100 μ F/1275 μ F |

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 | 9.22 ± 0.85 mm |
| C | 3.82 ± 1.0 mm |

Revision Date: March 19, 2003

Ametherm, Inc. 3111 N. Deer Run Road #4 Carson City, NV 89701
Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

www.ametherm.com