

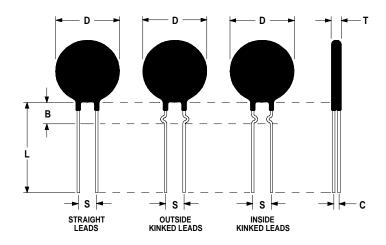
DATA SHEET

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 | 1.400Ω |
| 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 | 5100μF/1275μF |

Mechanical Specifications:

| D | $20.0 \pm 1.0 \text{ mm}$ |
|------------------|----------------------------|
| T | $7.0 \pm 0.7 \text{ mm}$ |
| Lead Diameter | $1.2 \pm 0.1 \text{ mm}$ |
| S | $7.8 \pm 2.0 \text{ mm}$ |
| L | $38.0 \pm 9.0 \text{ mm}$ |
| Straight Leads | $5.0 \pm 1.0 \text{ mm}$ |
| Coating Run Down | |
| В | $9.22 \pm 0.85 \text{ mm}$ |
| С | $3.82 \pm 1.0 \text{ mm}$ |
| | |

Revision Date: March 19, 2003

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

www.ametherm.com