



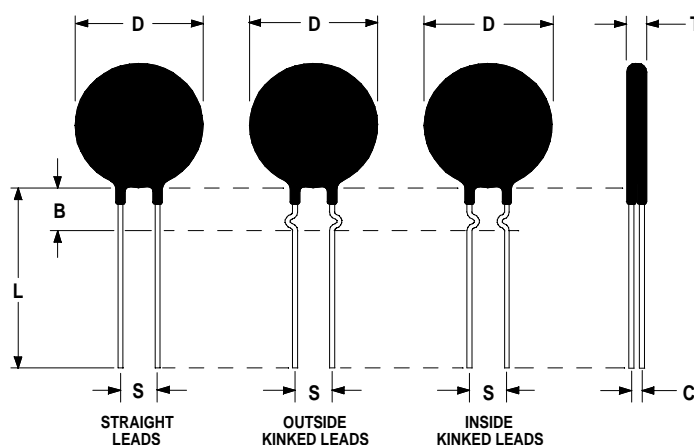
## DATA SHEET

Part Number: MS22 12104

### 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 12104-A



### Electrical Specifications:

|   |  |
|---|--|
| Resistance @ 25°C                                     | 120.0 $\Omega$ $\pm$ 25%                   |
| Max Steady State Current Up to 65°C                   | 4.0 A                                      |
| Max Recommended Energy Rating (Joules)                | 220.0 J                                    |
| Actual Failure Point of Instantaneous Energy (Joules) | 450.0 J                                    |
| Resistance @ 100% of Max Current                      | 0.750 $\Omega$                             |
| Resistance @ 50% of Max Current                       | 1.980 $\Omega$                             |
| Body Temperature @ 100% Current Rating                | 175 °C                                     |
| Dissipation Constant                                  | 75.4mW/°C                                  |
| Thermal Time Constant                                 | 124 seconds                                |
| Material Type   | "M"  |
| Max Recommended Capacitance<br>@ 120VAC/240VAC/440VAC | 13000 $\mu$<br>F/3800 $\mu$ F/1100 $\mu$ F |

### Mechanical Specifications:

|                                    |                   |
|------------------------------------|-------------------|
| D                                  | 20.0 $\pm$ 1.0 mm |
| T                                  | 7.0 $\pm$ 0.7 mm  |
| Lead Diameter                      | 1.0 $\pm$ 0.1 mm  |
| S                                  | 7.8 $\pm$ 2.0 mm  |
| L                                  | 38.0 $\pm$ 9.0 mm |
| Straight Leads<br>Coating Run Down | 5.0 $\pm$ 1.0 mm  |
| B                                  | 7.5 $\pm$ 2.50 mm |
| C                                  | 3.82 $\pm$ 1.0 mm |

Revision Date: March 19, 2003

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