

Part Number: MS32 1R036

Ordering Different Lead Types:

| | |
|----------------------|---------------------------------------|
| Inside Kinked Leads | Not available |
| Outside Kinked Leads | Use -B after Ametherm's Part # |

For example: to order an outside kinked lead use part number MS32 1R036-B



| | |
|--|---------------|
| Resistance @ 25°C | 1 Ω ± 25% |
| Max Steady State Current Up to 65°C | 36.0 A |
| Max Recommended Energy Rating | 300.0 J |
| Actual Failure Point of Instantaneous Energy | 540.0 J |
| Resistance @ 100 % of Maximum Current | 0.010Ω |
| Resistance @ 50% of Maximum Current | 0.022 Ω |
| Body Temperature @ Max Current | 225 °C |
| Dissipation Constant | 72.0 mW/°C |
| Thermal Time Constant | 285 seconds |
| Material Type | "B" |
| Recommended Capacitance @ 240/440 VAC | 5200µF/1500µF |

| | |
|---------------------------------|----------------|
| D | 30.0 ± 2.5 mm |
| T | 7.0 ± 1.0 mm |
| Lead Diameter | 1.0 ± 0.1 mm |
| S | 7.8 ± 2.0 mm |
| L | 38.0 ± 9.0 mm |
| Coating Run Down Straight Leads | 5.0 ± 1.0 mm |
| B | 9.22 ± 0.85 mm |
| C | 4.50 ± 1.0 mm |

Revision Date April 13, 2005

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