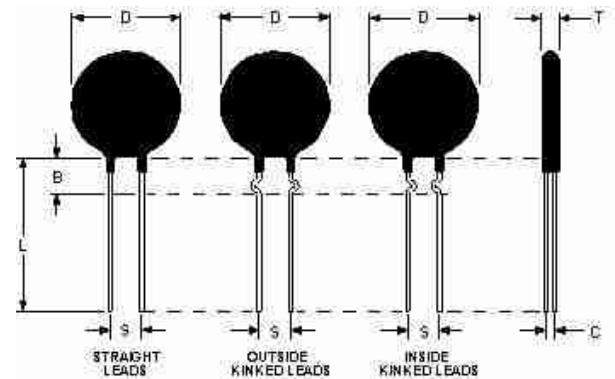




ISO9001:2008 Certified

### Mechanical Specifications (mm)

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 13.5 | ± max |
| T:                                        | 8.7  | ± max |
| Lead Diameter                             | 1.0  | ± nom |
| S:                                        | 7.8  | ± nom |
| L:                                        | 38.0 | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 4.0  | ± max |
| B:                                        | 7.00 | ± nom |
| C:                                        | 7.40 | ± nom |



### Electrical Specifications

|                                       |         |        |
|---------------------------------------|---------|--------|
| Resistance:                           | 150. (Ω | ± 25 % |
| Max Steady State Current upto 65°C:   | 2.00    | A      |
| Max Rec. Energy Rating:               | 110     | J      |
| Actual Failure Instantaneous Energy:  | 231     | J      |
| Maximum Capacitance @ 120 VAC:        | 7,500   | µf     |
| Maximum Capacitance @ 240 VAC:        | 1,910   | µf     |
| Maximum Capacitance @ 440 VAC:        | 441     | µf     |
| Maximum Capacitance @ 680 VAC:        | 220     | µf     |
| Resistance @ 100% Max Current:        | 1.04    | Ω      |
| Resistance @ 50% Max Current:         | 2.70    | Ω      |
| Body Temperature at 100% Max Current: | 172.00  | °c     |
| Dissipation Constant:                 | 12.7    | mw/°c  |
| Thermal Time Constant:                | 71      | Sec.   |
| Material Type (for Beta and Curve):   | I       |        |

### MS12 15102

|                                                                                              |                          |
|----------------------------------------------------------------------------------------------|--------------------------|
| Date: 11/11/2008                                                                             | Drawn by: Erin Landis    |
| Ametherm, Inc.<br>3111 N. Deer Run Road<br>Carson City, Nevada USA 89701<br>www.ametherm.com | Approved By: Mehdi Samii |
|                                                                                              | Revision: a              |

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