



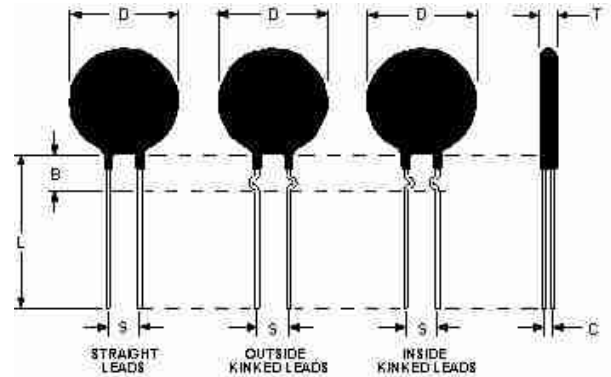
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ISO9001:2008 Certified

### Mechanical Specifications (mm)

|   |      |       |
|---|------|-------|
| D:  | 23.0 | ± max |
| T:  | 9.0  | ± 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:  | 9.20 | ± nom |
| C:  | 6.90 | ± nom |



### Electrical Specifications

|                                       |        |        |
|---------------------------------------|--------|--------|
| Resistance:                           | 75.0 Ω | ± 25 % |
| Max Steady State Current upto 65°C:   | 4.00   | A      |
| Max Rec. Energy Rating:               | 240    | J      |
| Actual Failure Instantaneous Energy:  | 430    | J      |
| Maximum Capacitance @ 120 VAC:        | 16,400 | µf     |
| Maximum Capacitance @ 240 VAC:        | 4,167  | µf     |
| Maximum Capacitance @ 440 VAC:        | 963    | µf     |
| Maximum Capacitance @ 680 VAC:        | 480    | µf     |
| Resistance @ 100% Max Current:        | 0.00   | Ω      |
| Resistance @ 50% Max Current:         | 0.90   | Ω      |
| Body Temperature at 100% Max Current: | 169.00 | °c     |
| Dissipation Constant:                 | 51.8   | mw/°c  |
| Thermal Time Constant:                | 122    | Sec.   |
| Material Type (for Beta and Curve):   | M      |        |

| <b>MS22 75004</b>   |                          |
|---|--------------------------|
| Date: 11/11/2008  | Drawn by: Erin Landis    |
| Ametherm, Inc.<br>961 Fairview Drive<br>Carson City, Nevada USA 89701<br>www.ametherm.com | Approved By: Mehdi Samii |
|   | Revision: A              |

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