



ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|   |       |       |
|---|-------|-------|
| D:  | 22.0  | ± max |
| T:  | 5.0   | ± max |
| Lead Diameter                             | 1.0   | ± nom |
| S:  | 7.8   | ± nom |
| L:  | 38.0  | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 5.0   | ± max |
| B:  | 11.50 | ± nom |
| C:  | 4.33  | ± nom |



**Electrical Specifications**

|                                       |         |        |
|---------------------------------------|---------|--------|
| Resistance:                           | 120.0 Ω | ± 25 % |
| Max Steady State Current upto 65°C:   | 2.00    | A      |
| Max Rec. Energy Rating:               | 80      | J      |
| Actual Failure Instantaneous Energy:  | 170     | J      |
| Maximum Capacitance @ 120 VAC:        | 5,557   | µf     |
| Maximum Capacitance @ 240 VAC:        | 1,389   | µf     |
| Resistance @ 100% Max Current:        |         | Ω      |
| Resistance @ 50% Max Current:         | 3.70    | Ω      |
| Body Temperature at 100% Max Current: |         | °c     |
| Dissipation Constant:                 | 32.4    | mw/°c  |
| Thermal Time Constant:                | 94      | Sec.   |
| Material Type (for Beta and Curve):   | L       |        |

|  |                          |
|--|--------------------------|
| <b>SL22 12102</b>  |                          |
| 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              |