



File: E209153



ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|   |      |       |
|---|------|-------|
| D:  | 13.0 | ± max |
| T:  | 6.0  | ± max |
| Lead Diameter                             | 0.8  | ± nom |
| S:  | 7.8  | ± nom |
| L:  | 38.0 | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 3.0  | ± max |
| B:  | 4.00 | ± nom |
| C:  | 4.10 | ± nom |



**Electrical Specifications**

|                                       |        |        |
|---------------------------------------|--------|--------|
| Resistance:                           | 80.0 Ω | ± 20 % |
| Max Steady State Current upto 65°C:   | 2.00   | A      |
| Max Rec. Energy Rating:               | 30     | J      |
| Actual Failure Instantaneous Energy:  | 70     | J      |
| Maximum Capacitance @ 120 VAC:        | 2,083  | µf     |
| Maximum Capacitance @ 240 VAC:        | 520    | µf     |
| Resistance @ 100% Max Current:        | 0.85   | Ω      |
| Resistance @ 50% Max Current:         | 1.63   | Ω      |
| Body Temperature at 100% Max Current: | 142.00 | °c     |
| Dissipation Constant:                 | 12.7   | mw/°c  |
| Thermal Time Constant:                | 47     | Sec.   |
| Material Type (for Beta and Curve):   | I      |        |

|  |                          |
|--|--------------------------|
| <b>SL12 80002</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              |