



ISO9001:2008 Certified

### Mechanical Specifications (mm)

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 8.0  | ± .5  |
| T:                                        | 4.0  | ± .5  |
| Lead Diameter                             | 0.6  | ± .1  |
| S:                                        | 5.1  | ± 1   |
| L:                                        | 12.7 | ± 1   |
| Coating Lead Run Down<br>(straight Leads) | 3.0  | ± Max |
| B:                                        | 7.50 | ± 3.5 |
| C:                                        | 2.80 | ± .3  |



### Electrical Specifications

|                                       |               |          |
|---------------------------------------|---------------|----------|
| Resistance:                           | 33.0 $\Omega$ | ± 15 %   |
| Max Steady State Current upto 65°C:   | 1.30          | A        |
| Max Rec. Energy Rating:               | 8             | J        |
| Actual Failure Instantaneous Energy:  | 16            | J        |
| Resistance @ 100% Max Current:        | 0.75          | $\Omega$ |
| Resistance @ 50% Max Current:         | 1.50          | $\Omega$ |
| Body Temperature at 100% Max Current: | 112.00        | °C       |
| Dissipation Constant:                 | 9.3           | mw/°C    |
| Thermal Time Constant:                | 29            | Sec.     |
| Material Type (for Beta and Curve):   | G             |          |

### SL08 33001

|                                                                                              |                          |
|----------------------------------------------------------------------------------------------|--------------------------|
| Date: 03/16/2011                                                                             | 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              |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Ametherm:](#)

[SL08 33001](#)