



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 Ω | ± 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   | Ω      |
| Resistance @ 50% Max Current:         | 1.50   | Ω      |
| 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      |        |

|  |                          |
|--|--------------------------|
| <b>SL08 33001</b>  |                          |
| Date: 03/16/2011   | Drawn by: Erin Landis    |
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|  | Revision: A              |