



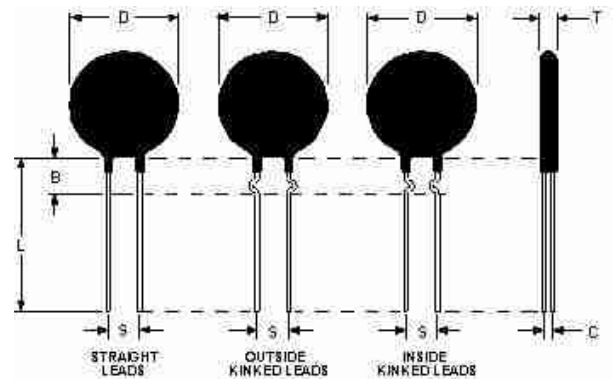
File: E209153



ISO9001:2008 Certified

## Mechanical Specifications (mm)

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 12.0 | ± .5  |
| T:                                        | 5.0  | ± .50 |
| Lead Diameter                             | 0.8  | ± .1  |
| S:                                        | 7.8  | ± 2   |
| L:                                        | 38.0 | ± Nom |
| Coating Lead Run Down<br>(straight Leads) | 5.0  | ± 1   |
| B:                                        | 6.35 | ± .60 |
| C:                                        | 3.42 | ± .5  |



## Electrical Specifications

|                                       |               |          |
|---------------------------------------|---------------|----------|
| Resistance:                           | 40.0 $\Omega$ | ± 25 %   |
| Max Steady State Current upto 65°C:   | 2.00          | A        |
| Max Rec. Energy Rating:               | 20            | J        |
| Actual Failure Instantaneous Energy:  | 35            | J        |
| Resistance @ 100% Max Current:        | 0.45          | $\Omega$ |
| Resistance @ 50% Max Current:         | 0.96          | $\Omega$ |
| Body Temperature at 100% Max Current: | 148.00        | °C       |
| Dissipation Constant:                 | 12.7          | mw/°C    |
| Thermal Time Constant:                | 47            | Sec.     |
| Material Type (for Beta and Curve):   | I             |          |

### SL12 40002

|                                                                                              |                          |
|----------------------------------------------------------------------------------------------|--------------------------|
| Date: 02/14/2012                                                                             | 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:                |

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