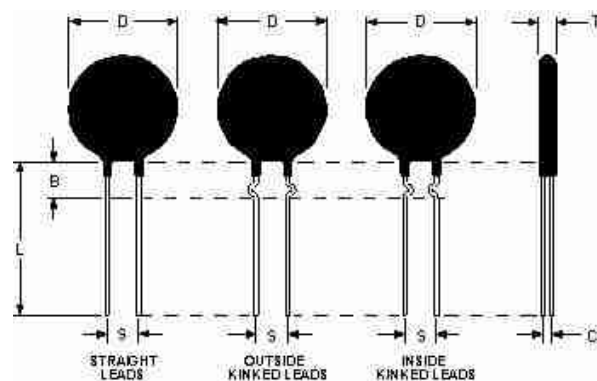




ISO9001:2008 Certified

## Mechanical Specifications (mm)

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 16.0 | ± max |
| T:                                        | 5.0  | ± 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:                                        | 3.00 | ± nom |



## Electrical Specifications

|                                       |        |       |        |
|---------------------------------------|--------|-------|--------|
| Resistance:                           | 2.5    | Ω     | ± 20 % |
| Max Steady State Current upto 65°C:   | 9.00   | A     |        |
| Max Rec. Energy Rating:               | 40     | J     |        |
| Actual Failure Instantaneous Energy:  | 80     | J     |        |
| Maximum Capacitance @ 120 VAC:        | 2,778  | μf    |        |
| Maximum Capacitance @ 240 VAC:        | 694    | μf    |        |
| Resistance @ 100% Max Current:        | 0.04   | Ω     |        |
| Resistance @ 50% Max Current:         | 0.11   | Ω     |        |
| Body Temperature at 100% Max Current: | 194.00 | °c    |        |
| Dissipation Constant:                 | 19.0   | mw/°c |        |
| Thermal Time Constant:                | 75     | Sec.  |        |
| Material Type (for Beta and Curve):   | B      |       |        |

### SL15 2R509

|                                                                                              |                          |
|----------------------------------------------------------------------------------------------|--------------------------|
| Date: 02/05/2009                                                                             | 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              |

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