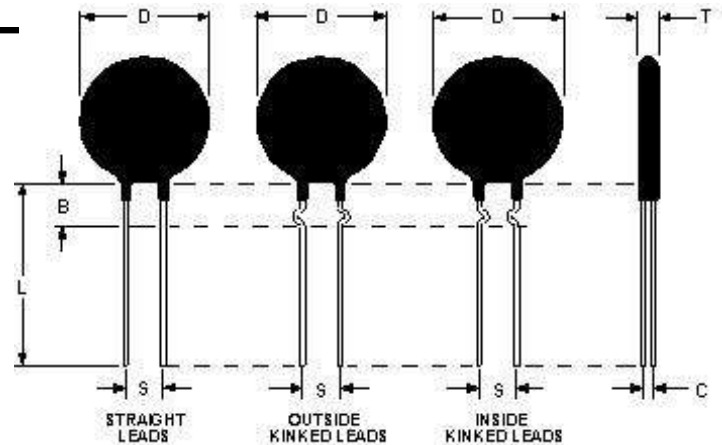




### Mechanical Specifications (mm)

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 10.0 | ± max |
| T:                                        | 4.5  | ± max |
| Lead Diameter                             | 0.5  | ± nom |
| S:                                        | 5.0  | ± nom |
| L:                                        | 38.0 | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 3.0  | ± max |
| B:                                        | 5.00 | ± nom |
| C:                                        | 2.00 | ± nom |



### Electrical Specifications

|                                       |        |       |        |
|---------------------------------------|--------|-------|--------|
| Resistance:                           | 2.5    | Ω     | ± 30 % |
| Max Steady State Current upto 65°C:   | 5.00   | A     |        |
| Max Rec. Energy Rating:               | 30     | J     |        |
| Maximum Capacitance @ 120 VAC:        | 2,000  | µf    |        |
| Maximum Capacitance @ 240 VAC:        | 520    | µf    |        |
| Resistance @ 100% Max Current:        | 0.00   | Ω     |        |
| Resistance @ 50% Max Current:         | 0.22   | Ω     |        |
| Body Temperature at 100% Max Current: | 165.00 | °C    |        |
| Dissipation Constant:                 | 10.0   | mw/°C |        |
| Thermal Time Constant:                | 25     | Sec.  |        |
| Material Type (for Beta and Curve):   | A      |       |        |

### SL10 2R505

|                                                                                           |                          |
|-------------------------------------------------------------------------------------------|--------------------------|
| Date: 11/11/2008                                                                          | Drawn by: Erin Landis    |
| Ametherm, Inc.<br>961 Fairview Drive<br>Carson City, Nevada USA 89701<br>www.ametherm.com | Approved By: Mehdi Samii |
|                                                                                           | Revision: A              |