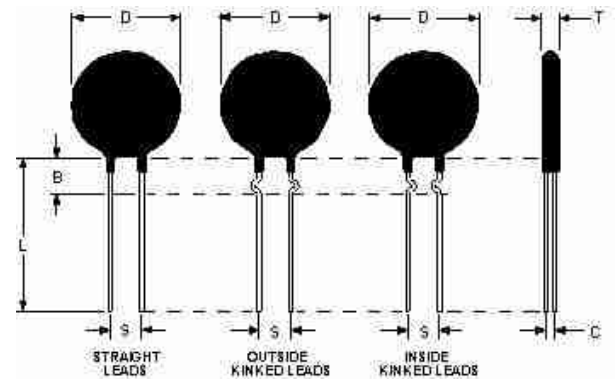




ISO9001:2008 Certified

### Mechanical Specifications (mm)

|                                           |      |       |
|-------------------------------------------|------|-------|
| D:                                        | 8.0  | ± .5  |
| T:                                        | 4.0  | ± .5  |
| Lead Diameter                             | 0.5  | ± Nom |
| S:                                        | 5.1  | ± Nom |
| L:                                        | 38.0 | ± Nom |
| Coating Lead Run Down<br>(straight Leads) | 5.0  | ± 1   |
| B:                                        | 6.30 | ± Nom |
| C:                                        | 1.50 | ± .2  |



### Electrical Specifications

|                                       |        |       |        |
|---------------------------------------|--------|-------|--------|
| Resistance:                           | 5.0    | Ω     | ± 20 % |
| Max Steady State Current upto 65°C:   | 3.00   | A     |        |
| Max Rec. Energy Rating:               | 10     | J     |        |
| Actual Failure Instantaneous Energy:  | 20     | J     |        |
| Resistance @ 100% Max Current:        | 0.18   | Ω     |        |
| Resistance @ 50% Max Current:         | 0.35   | Ω     |        |
| Body Temperature at 100% Max Current: | 124.00 | °C    |        |
| Dissipation Constant:                 | 9.0    | mw/°C |        |
| Thermal Time Constant:                | 20     | Sec.  |        |
| Material Type (for Beta and Curve):   | B      |       |        |

| SL08 5R003                                                                                   |                          |
|----------------------------------------------------------------------------------------------|--------------------------|
| Date: 09/05/2012                                                                             | 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: A              |

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