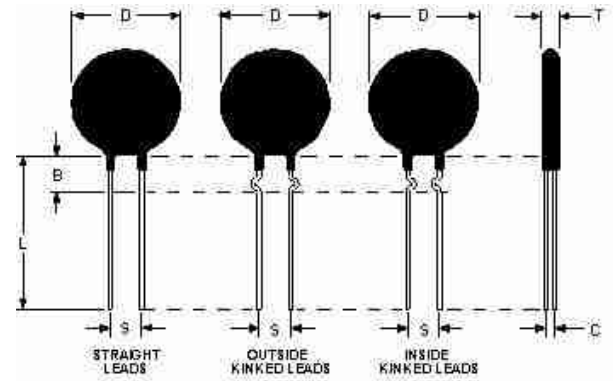




ISO9001:2008 Certified

Mechanical Specifications (mm)

| | | |
|---|------|-------|
| D: | 8.0 | ± .5 |
| T: | 4.0 | ± .5 |
| Lead Diameter | 0.5 | ± .1 |
| S: | 5.1 | ± 1 |
| L: | 12.7 | ± 1 |
| Coating Lead Run Down (straight Leads) | 3.0 | ± Max |
| B: | 5.50 | ± .5 |
| C: | 2.20 | ± .3 |



Electrical Specifications

| | | |
|---------------------------------------|---------------|----------|
| Resistance: | 50.0 Ω | ± 15 % |
| Max Steady State Current upto 65°C: | 1.10 | A |
| Max Rec. Energy Rating: | 12 | J |
| Actual Failure Instantaneous Energy: | 28 | J |
| Resistance @ 100% Max Current: | 0.95 | Ω |
| Resistance @ 50% Max Current: | 1.90 | Ω |
| Body Temperature at 100% Max Current: | 122.00 | °c |
| Dissipation Constant: | 9.3 | mw/°c |
| Thermal Time Constant: | 29 | Sec. |
| Material Type (for Beta and Curve): | H | |

| | |
|--|--------------------------|
| SL08 50001 | |
| Date: 03/16/2011 | Drawn by: Erin Landis |
| Ametherm, Inc. 3111 N. Deer Run Road Carson City, Nevada USA 89701 www.ametherm.com | Approved By: Mehdi Samii |
| | Revision: A |