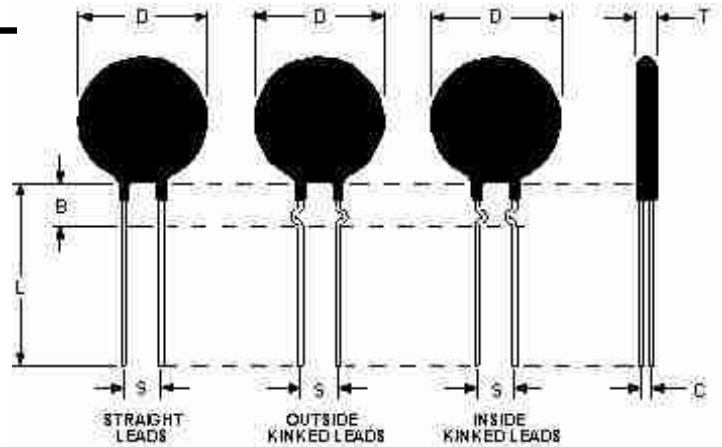




File: E209153

**Mechanical Specifications (mm)**

|   |      |       |
|---|------|-------|
| D:  | 15.0 | ± Max |
| T:  | 4.5  | ± Max |
| Lead Diameter                             | 0.8  | ± Nom |
| S:  | 7.8  | ± Nom |
| L:  | 38.0 | ± Nom |
| Coating Lead Run Down<br>(straight Leads) | 5.0  | ± Max |
| B:  | 7.50 | ± Nom |
| C:  | 2.82 | ± Nom |



**Electrical Specifications**

|                                       |        |          |        |
|---------------------------------------|--------|----------|--------|
| Resistance:                           | 2.5    | $\Omega$ | ± 20 % |
| Max Steady State Current upto 65°C:   | 7.00   |          | A      |
| Max Rec. Energy Rating:               | 40     |          | J      |
| Resistance @ 100% Max Current:        | 0.00   | $\Omega$ |        |
| Resistance @ 50% Max Current:         | 0.15   | $\Omega$ |        |
| Body Temperature at 100% Max Current: | 174.00 |          | °c     |
| Dissipation Constant:                 | 19.0   |          | mw/°c  |
| Thermal Time Constant:                | 75     |          | Sec.   |
| Material Type (for Beta and Curve):   | B      |          |        |

|   |                          |
|---|--------------------------|
| <b>SL15 2R507</b>   |                          |
| Date: 04/26/2012  | 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              |