



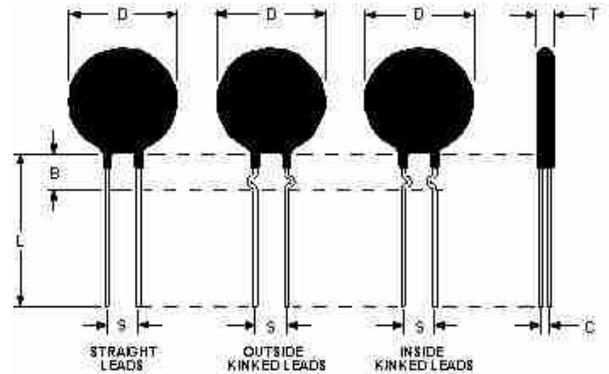
File: E209153



ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|   |      |       |
|---|------|-------|
| D:  | 31.0 | ± max |
| T:  | 8.3  | ± max |
| Lead Diameter                             | 1.2  | ± nom |
| S:  | 7.8  | ± nom |
| L:  | 38.0 | ± nom |
| Coating Lead Run Down<br>(straight Leads) | 5.0  | ± max |
| B:  |      | ±     |
| C:  | 6.70 | ± nom |



**Electrical Specifications**

|                                       |        |        |
|---------------------------------------|--------|--------|
| Resistance:                           | 50.0 Ω | ± 25 % |
| Max Steady State Current upto 65°C:   | 6.00   | A      |
| Max Rec. Energy Rating:               | 250    | J      |
| Actual Failure Instantaneous Energy:  | 500    | J      |
| Maximum Capacitance @ 120 VAC:        | 19,250 | µf     |
| Maximum Capacitance @ 240 VAC:        | 4,341  | µf     |
| Maximum Capacitance @ 440 VAC:        | 1,003  | µf     |
| Maximum Capacitance @ 680 VAC:        | 500    | µf     |
| Resistance @ 100% Max Current:        | 0.00   | Ω      |
| Resistance @ 50% Max Current:         | 0.70   | Ω      |
| Body Temperature at 100% Max Current: | 177.00 | °c     |
| Dissipation Constant:                 | 75.4   | mw/°c  |
| Thermal Time Constant:                | 294    | Sec.   |
| Material Type (for Beta and Curve):   | I      |        |

| <b>MS32 50006-L</b>   |                          |
|---|--------------------------|
| 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              |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Ametherm:](#)

[MS3250006L](#)

[Vishay:](#)

[MS3250006L](#)