



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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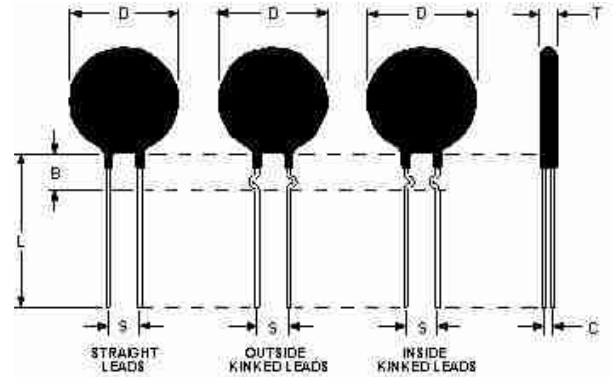




ISO9001:2008 Certified

**Mechanical Specifications (mm)**

|   |      |       |
|---|------|-------|
| D:  | 3.0  | ± Max |
| T:  | 3.0  | ± Max |
| Lead Diameter                             | 0.5  | ± Nom |
| S:  | 4.0  | ± Nom |
| L:  | 38.0 | ± Nom |
| Coating Lead Run Down<br>(straight Leads) | 3.0  | ± Max |
| B:  |      | ± Nom |
| C:  | 2.35 | ± Nom |



**Electrical Specifications**

|                                       |               |          |
|---------------------------------------|---------------|----------|
| Resistance:                           | 50.0 $\Omega$ | ± 20 %   |
| Max Steady State Current upto 65°C:   | 1.00          | A        |
| Max Rec. Energy Rating:               | 2             | J        |
| Actual Failure Instantaneous Energy:  | 4             | J        |
| Resistance @ 100% Max Current:        | 1.10          | $\Omega$ |
| Resistance @ 50% Max Current:         | 2.80          | $\Omega$ |
| Body Temperature at 100% Max Current: |               | °c       |
| Dissipation Constant:                 | 4.0           | mw/°c    |
| Thermal Time Constant:                | 7             | Sec.     |
| Material Type (for Beta and Curve):   | C             |          |

| <b>SL03 50001</b>  |                          |
|--|--------------------------|
| Date: 03/29/2012   | 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:                |