

Excellent Integrated System Limited

Stocking Distributor

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[Ametherm](#)
[SL12 40002](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



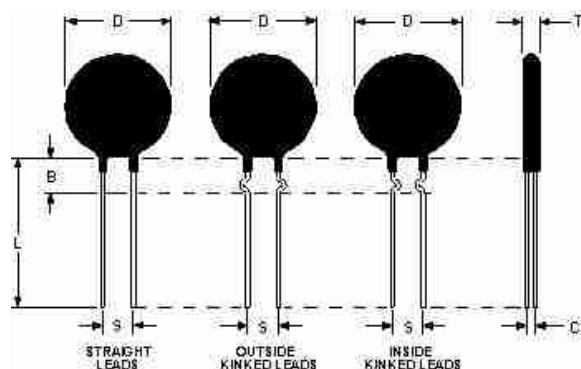
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ISO9001:2008 Certified

Mechanical Specifications (mm)

| | | |
|---|------|-------|
| D: | 12.0 | ± .5 |
| T: | 5.0 | ± .50 |
| Lead Diameter | 0.8 | ± .1 |
| S: | 7.8 | ± 2 |
| L: | 38.0 | ± Nom |
| Coating Lead Run Down (straight Leads) | 5.0 | ± 1 |
| B: | 6.35 | ± .60 |
| C: | 3.42 | ± .5 |



Electrical Specifications

| | | |
|---------------------------------------|--------|--------|
| Resistance: | 40.0 Ω | ± 25 % |
| Max Steady State Current upto 65°C: | 2.00 | A |
| Max Rec. Energy Rating: | 20 | J |
| Actual Failure Instantaneous Energy: | 35 | J |
| Resistance @ 100% Max Current: | 0.45 | Ω |
| Resistance @ 50% Max Current: | 0.96 | Ω |
| Body Temperature at 100% Max Current: | 148.00 | °c |
| Dissipation Constant: | 12.7 | mw/°c |
| Thermal Time Constant: | 47 | Sec. |
| Material Type (for Beta and Curve): | I | |

| | |
|--|--------------------------|
| SL12 40002 | |
| Date: 02/14/2012 | Drawn by: Erin Landis |
| Ametherm, Inc. 3111 N. Deer Run Road Carson City, Nevada USA 89701 www.ametherm.com | Approved By: Mehdi Samii |
| | Revison: |