AMETHERM
Circuit Protection Thermistors

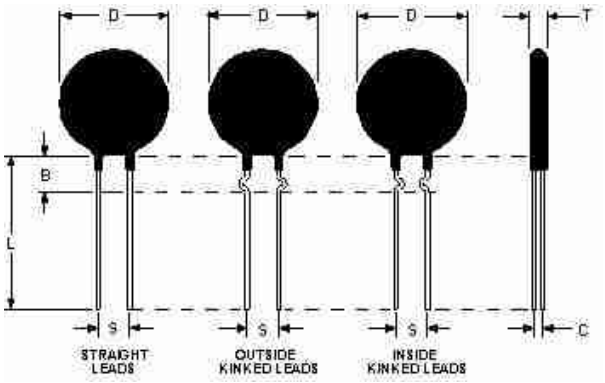
# Data Sheet
# SL32 2R025

File: E209153

ISO9001:2008 Certified

## Mechanical Specifications (mm)

| | | |
|---|---|---|
| D: | 31.0 | ± max |
| T: | 7.0 | ± max |
| Lead Diameter | 1.0 | ± nom |
| S: | 7.8 | ± nom |
| L: | 38.0 | ± nom |
| Coating Lead Run Down (straight Leads) | 5.0 | ± max |
| B: | 7.80 | ± nom |
| C: | 3.90 | ± nom |




## Electrical Specifications

| | | |
|---|---|---|
| Resistance: | 2.0 Ω ± 20 % | |
| Max Steady State Current upto 65°c: | 25.00 | A |
| Max Rec. Energy Rating: | 250 | J |
| Actual Failure Instantaneous Energy: | 548 | J |
| Maximum Capacitance @ 120 VAC: | 20,839 | µf |
| Maximum Capacitance @ 240 VAC: | 5,209 | µf |
| Resistance @ 100% Max Current: | 0.00 | Ω |
| Resistance @ 50% Max Current: | 0.06 | Ω |
| Body Temperature at 100% Max Current: | 236.00 | °c |
| Dissipation Constant: | 45.4 | mw/°c |
| Thermal Time Constant: | 194 | Sec. |
| Material Type (for Beta and Curve): | G | |

| SL32 2R025 | |
|---|---|
| Date: 01/07/2016 | Drawn by: Erin Landis |
| Ametherm, Inc.<br>961 Fairview Drive<br>Carson City, Nevada USA 89701<br>www.ametherm.com | Approved By: Chad Terry |
| | Revison: B |

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