

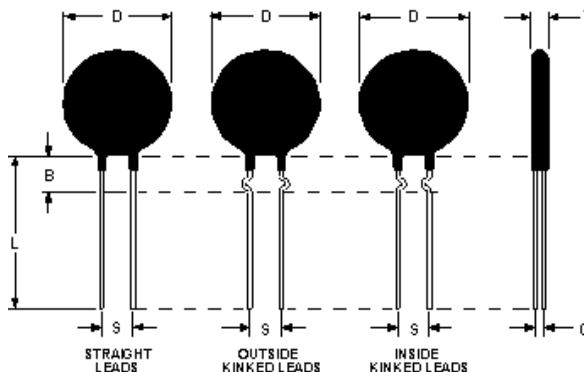


# SL32 5R020



### Mechanical Specifications (mm)

|                                   |       |
|-----------------------------------|-------|
| D:                                | 31.00 |
| T:                                | 6.00  |
| Lead Diameter:                    | 1.00  |
| S:                                | 7.80  |
| L:                                | 38.00 |
| Coating Run Down<br>Straight Lead | 4.00  |
| B:                                | 7.80  |
| C:                                | 3.82  |



### Electrical Specifications

|                                     |            |
|-------------------------------------|------------|
| Resistance:                         | 5 ± 20%    |
| Max Steady State Current up to 25°C | 20 A       |
| Max Recommended Energy              | 200 J      |
| Actual Energy Failure               | 300 J      |
| Max Capacitance @ 120 VAC:          | 13893 μ    |
| Max Capacitance @ 240 VAC:          | 3473 μ     |
| Max Capacitance @ 480 VAC:          | 0 μ        |
| Max Capacitance @ 680 VAC:          | 0 μ        |
| Resistance @ 100% Max Current:      | 0.03 ohm   |
| Resistance @ 50% Max Current:       | 0.08 ohm   |
| Body Temperature @ Max Current      | 206°C      |
| Dissipation Constant:               | 45.4 mw/°C |
| Thermal Time Constant:              | 194 mw/s   |
| Material Type (for Beta and Curve)  | H          |



| SL32 5R020  |                          |
|---|--------------------------|
| Date: 11/11/2008  | Drawn By: Erin Landis    |
| Ametherm, Inc<br>3111 N. Deer Run Road<br>Carson City, NV 89701<br>www.ametherm.com | Approved By: Mehdi Samii |
|   | Revision: a              |