

NTC Thermistors, Inrush Current Limiters



DESCRIPTION

TBD

| QUICK REFERENCE DATA | | |
|---|----------|----------|
| PARAMETER | VALUE | UNIT |
| Resistance at 25 °C (R_{25}) | 1 | Ω |
| Tolerance on R_{25} value | ± 25 | % |
| Max. steady-state current up to 65 °C | 36 | A |
| Max. recommended energy rating | 300 | J |
| Actual failure instantaneous energy | 600 | J |
| Max. capacitance at 120 V _{AC} | 20 700 | μ F |
| Max. capacitance at 240 V _{AC} | 5200 | μ F |
| Max. capacitance at 440 V _{AC} | 1300 | μ F |
| Max. capacitance at 680 V _{AC} | 640 | μ F |
| Resistance at 100 % max. current | 0 | Ω |
| Resistance at 50 % max. current | 0.03 | Ω |
| Body temperature at 100 % max. current | 215 | °C |
| Dissipation factor | 48 | mW/°C |
| Thermal time constant | 55 | s |
| Material type (for beta and curve) | B | |

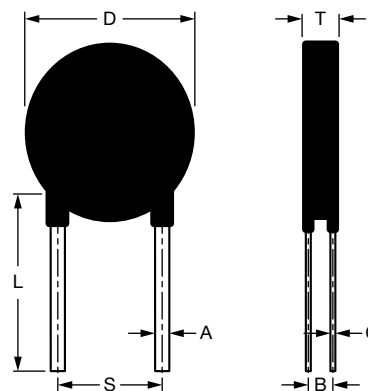
FEATURES

- Recognized by Underwriters Laboratories for ensured safety
- Designed to withstand high steady-state current
- Absorbs and minimizes high input energy
- Cost effective one component solution to inrush current
- Wide temperature range of operation

APPLICATIONS

- TBD

MECHANICAL SPECIFICATIONS in millimeters



| SYMBOL | AS321R036 |
|----------------|-----------|
| A | 2.2 nom. |
| B | 2.4 nom. |
| C | 0.8 nom. |
| D | 30.0 max. |
| L | 22.0 nom. |
| S | 17.1 nom. |
| T | 8.0 max. |
| Straight leads | 4.5 max. |



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