NTC Thermistors, Inrush Current Limiters

FEATURES

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

APPLICATIONS

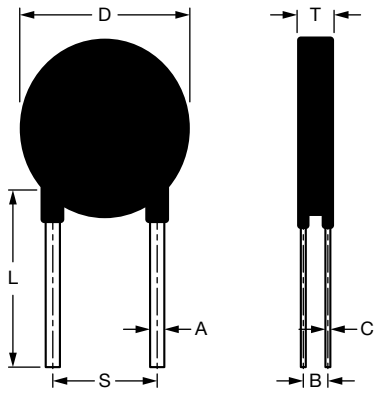
- TBD

DESCRIPTION

TBD

QUICK REFERENCE DATA		
PARAMETER	**VALUE**	**UNIT**
Resistance at 25 °C (R_{25})	0.5	Ω
Tolerance on R_{25} value	± 25	%
Max. steady-state current up to 65 °C	30	A
Max. recommended energy rating	300	J
Actual failure instantaneous energy	600	J
Max. capacitance at 120 V_{AC}	20 700	µF
Max. capacitance at 240 V_{AC}	5200	µF
Max. capacitance at 440 V_{AC}	1300	µF
Max. capacitance at 680 V_{AC}	640	µF
Resistance at 100 % max. current	0.0	Ω
Resistance at 50 % max. current	0.03	Ω
Body temperature at 100 % max. current	183	°C
Dissipation factor	78.2	mW/°C
Thermal time constant	55	s
Material type (for beta and curve)	B	

MECHANICAL SPECIFICATIONS in millimeters



SYMBOL	AS320R530100
A	2.2 nom.
B	2.6 nom.
C	0.9 nom.
D	29.0 max.
L	22.0 nom.
S	17.1 nom.
T	5.3 max.
Straight leads	6.0 max.

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