

NTC Thermistors, Inrush Current Limiters



DESCRIPTION

TBD

QUICK REFERENCE DATA		
PARAMETER	VALUE	UNIT
Resistance at 25 °C (R_{25})	10	Ω
Tolerance on R_{25} value	± 25	%
Max. steady-state current up to 65 °C	15	A
Max. recommended energy rating	250	J
Actual failure instantaneous energy	500	J
Max. capacitance at 120 V _{AC}	17 500	μ F
Max. capacitance at 240 V _{AC}	4366	μ F
Max. capacitance at 440 V _{AC}	1086	μ F
Max. capacitance at 680 V _{AC}	541	μ F
Resistance at 100 % max. current	0.03	Ω
Resistance at 50 % max. current	0.06	Ω
Body temperature at 100 % max. current	185	°C
Dissipation factor	85.2	mW/°C
Thermal time constant	64	s
Material type (for beta and curve)	I	

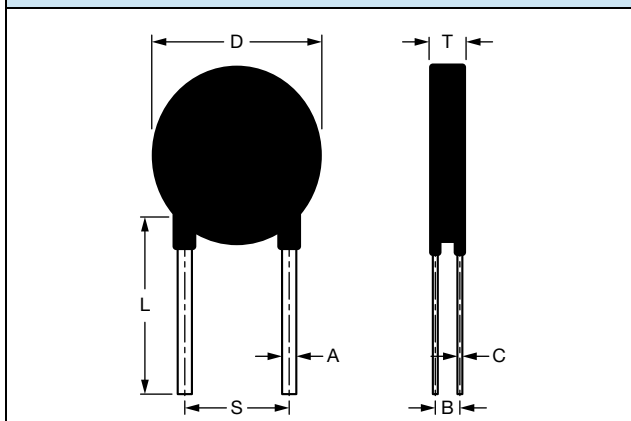
FEATURES

- 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	AS3210015
A	2.2 nom.
B	3.7 nom.
C	0.8 nom.
D	30.0 max.
L	21.0 nom.
S	17.1 nom.
T	8.5 max.
Straight leads	5.0 max.



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