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

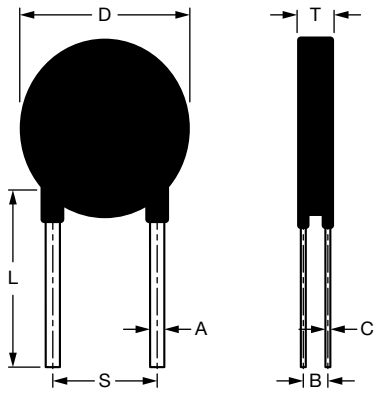
- TBD

DESCRIPTION

TBD

QUICK REFERENCE DATA		
PARAMETER	**VALUE**	**UNIT**
Resistance at 25 °C (R_{25})	20	Ω
Tolerance on R_{25} value	± 25	%
Max. steady-state current up to 65 °C	10	A
Max. recommended energy rating	250	J
Actual failure instantaneous energy	500	J
Max. capacitance at 120 V_{AC}	17 500	µF
Max. capacitance at 240 V_{AC}	4346	µF
Max. capacitance at 440 V_{AC}	1086	µF
Max. capacitance at 680 V_{AC}	541	µF
Resistance at 100 % max. current	0.06	Ω
Resistance at 50 % max. current	0.13	Ω
Body temperature at 100 % max. current	192	°C
Dissipation constant	58	mW/°C
Thermal time constant	67	s
Material type (for beta and curve)	I	

MECHANICAL SPECIFICATIONS in millimeters



SYMBOL	AS3220010
A	2.2 nom.
B	6.4 ± 1.0
C	0.9 ± 0.2
D	29.0 ± 2.0
L	22.0 ± 2.0
S	17.1 ± 2.0
T	9.0 ± 1.0
Straight leads	5.0 ± 3.0

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