

## NTC Thermistors, Inrush Current Limiters



### DESCRIPTION

TBD

QUICK REFERENCE DATA		
PARAMETER	VALUE	UNIT
Resistance at 25 °C ( $R_{25}$ )	50	$\Omega$
Tolerance on $R_{25}$ value	$\pm 25$	%
Max. steady-state current up to 65 °C	6	A
Max. recommended energy rating	250	J
Actual failure instantaneous energy	500	J
Max. capacitance at 120 V <sub>AC</sub>	17 500	$\mu$ F
Max. capacitance at 240 V <sub>AC</sub>	4366	$\mu$ F
Max. capacitance at 440 V <sub>AC</sub>	1086	$\mu$ F
Max. capacitance at 680 V <sub>AC</sub>	541	$\mu$ F
Resistance at 100 % max. current	0.3	$\Omega$
Resistance at 50 % max. current	1.05	$\Omega$
Body temperature at 100 % max. current	212	°C
Dissipation constant	78.2	mW/°C
Thermal time constant	73	s
Material type (for beta and curve)	B	

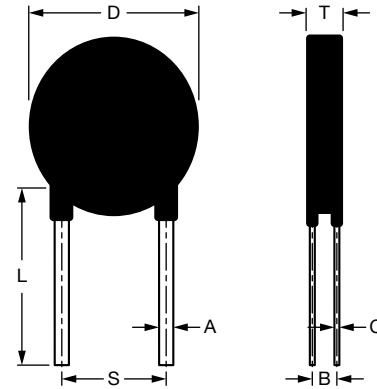
### FEATURES

- 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	AS3250006
A	2.2 nom.
B	4.8 nom.
C	0.8 nom.
D	30.0 max.
L	21.0 nom.
S	17.1 nom.
T	9.0 max.
Straight leads	5.5 max.



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