

# NTC Thermistors, Inrush Current Limiters



## DESCRIPTION

TBD

QUICK REFERENCE DATA		
PARAMETER	VALUE	UNIT
Resistance at 25 °C ( $R_{25}$ )	0.5	$\Omega$
Tolerance on $R_{25}$ value	$\pm 25$	%
Max. steady-state current up to 65 °C	50	A
Max. recommended energy rating	800	J
Actual failure instantaneous energy	1400	J
Resistance at 100 % max. current	0	$\Omega$
Resistance at 50 % max. current	0.02	$\Omega$
Body temperature at 100 % max. current	210	°C
Dissipation constant	78.2	mW/°C
Thermal time constant	55	s
Material type (for beta and curve)	B	

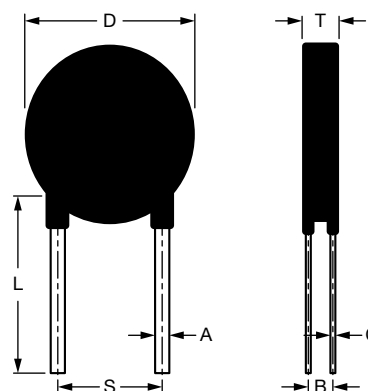
## FEATURES

- 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	AS350R550
A	2.2 nom.
B	5.5 nom.
C	0.8 nom.
D	36.0 max.
L	22.0 nom.
S	19.0 nom.
T	8.4 max.
Straight leads	8.0 max.



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