

## NTC Thermistors, Inrush Current Limiters



### DESCRIPTION

TBD

QUICK REFERENCE DATA		
PARAMETER	VALUE	UNIT
Resistance at 25 °C ( $R_{25}$ )	2	$\Omega$
Tolerance on $R_{25}$ value	$\pm 25$	%
Max. steady-state current up to 65 °C	25	A
Max. recommended energy rating	300	J
Actual failure instantaneous energy	600	J
Resistance at 100 % max. current	0.0185	$\Omega$
Resistance at 50 % max. current	0.039	$\Omega$
Body temperature at 100 % max. current	220	°C
Dissipation factor	78.2	mW/°C
Cool down time: 50 % of initial R	85	s
Cool down time: 100 % of initial R	130	s
Material type	B	
RoHS-compliant	Yes	
MSL (moisture sensitivity level)	#1	

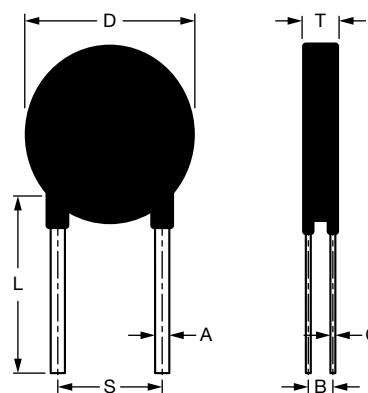
### FEATURES

- 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	AS322R025
A	2.2 nom.
B	4.8 nom.
C	$0.9 \pm 0.1$
D	30.0 max.
L	21.0 nom.
S	17.1 nom.
T	7.8 max.
Straight leads	5.5 max.



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