AS325R020

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Vishay Ametherm

NTC Thermistors, Inrush Current Limiters



DESCRIPTION

TBD

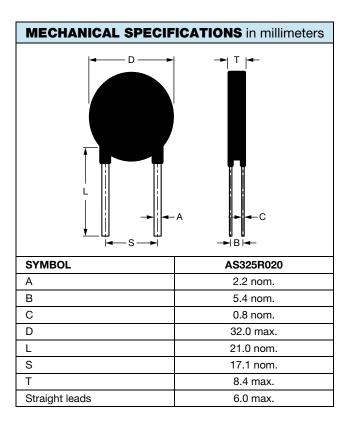
QUICK REFERENCE DATA		
PARAMETER	VALUE	UNIT
Resistance at 25 °C (R ₂₅)	5	Ω
Tolerance on R_{25} value	± 25	%
Max. steady-state current up to 65 °C	30	А
Max. recommended energy rating	300	J
Actual failure instantaneous energy	600	J
Max. capacitance at 120 V _{AC}	20 700	μF
Max. capacitance at 240 V _{AC}	5200	μF
Max. capacitance at 440 V _{AC}	1300	μF
Max. capacitance at 680 V _{AC}	640	μF
Resistance at 100 % max. current	0	Ω
Resistance at 50 % max. current	0.06	Ω
Body temperature at 100 % max. current	215	°C
Dissipation factor	78.2	mW/°C
Thermal time constant	55	S
Material type (for beta and curve)	Н	

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





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