JT13 TRIAC 6 6 Rev. A.1.1

Features

Applications

Absolute Maximum Ratings

Item	Symbol	Unit
Repetitive Peak On-State Current	$I_{T(RMS)}$	A
Repetitive Peak Off-State Voltage	V_{DRM} / V_{RRM}	V

Note: / / / 5 5 5 A

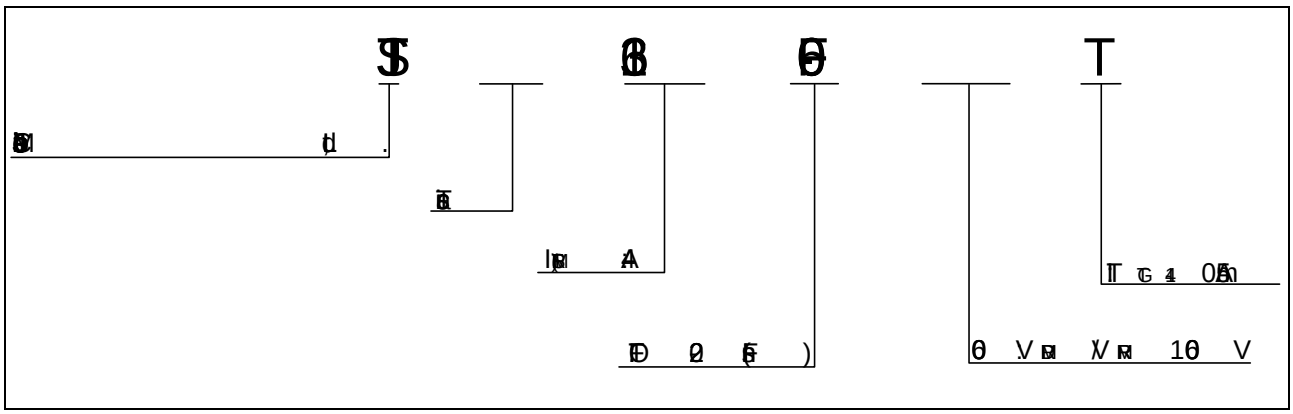
Electrical Characteristics

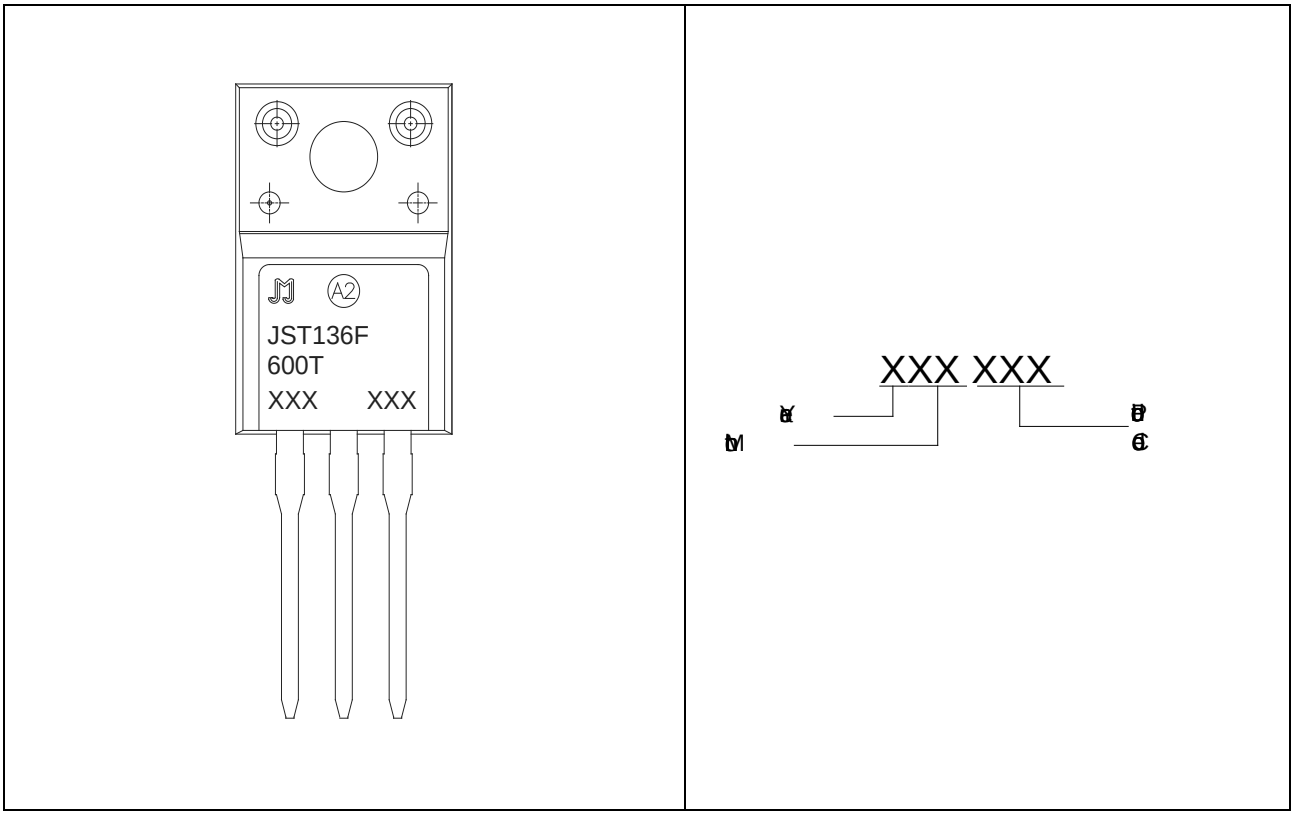
Parameter	Symbol	Value	Unit
Junction Temperature	T_{stg}	-0 0	
Storage Temperature	T_j	-0 2	
Repetitive Peak Off-State Current, max.	V_{DRM}	60	V
RMS On-State Current (full sine wave, T_c 0 6)	$I_{T(RMS)}$	4	A
Non Repetitive Surge Peak On-State Current (full cycle, T_j initial)	I_{TSM}	0	A
Non Repetitive Surge Peak On-State Current (full cycle, T_j initial)		4	A
I^2t for Fusing (t = 0 ms, T_j initial)	I^2t	8	A^2s

Note: Gate control may be lost during and immediately following surge current interval.

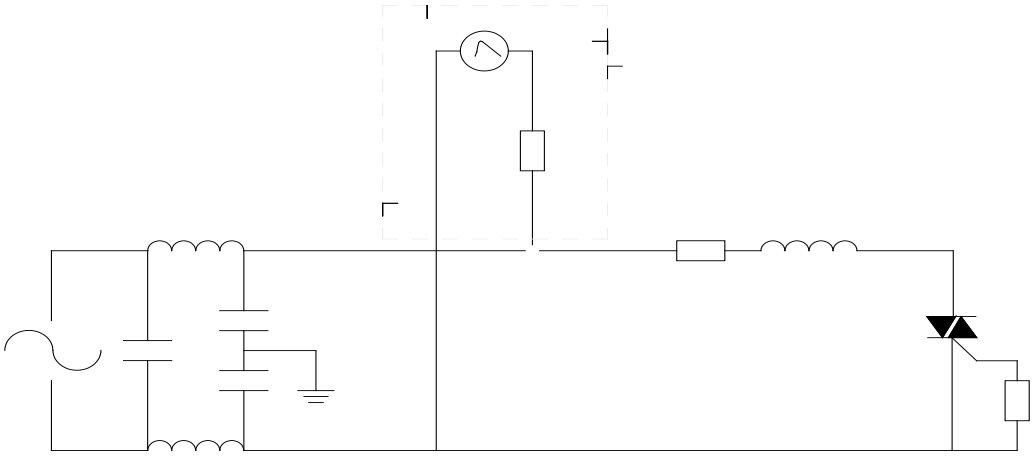
Parameter	Symbol	Value	Unit
Average On-State Current (T_c 2 T_j 2)	$I_{T(AV)}$	2	A
Power Dissipation (T_j 2)	P_{tot}	6	W

	P	5	W




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