

for general purpose AC
 FF function in applications
 motor starting circuits,
 nmers, motor speed
 ess triac is especially
 ads. By using an external
 vides a rated insulation
 h UL standards (File ref:
 S compliant.

	Symbol	Value	Unit
	T_{stg}	-40-150	
(-25)	V_{DRM}	800	V
(25)	V_{RRM}	800	V



Peak gate power	P_{GM}	10	W
Peak pulse voltage ($T_j=25$; non-repetitive,off-state;FIG.7)	V_{pp}	4.5	kV

($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V R_L=33$	- -	MAX.	50	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	$V_D=V_{DRM} T_j=125$ $R_L=3.3k$	- -	MIN.	0.2	V

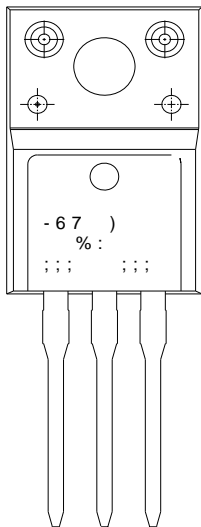
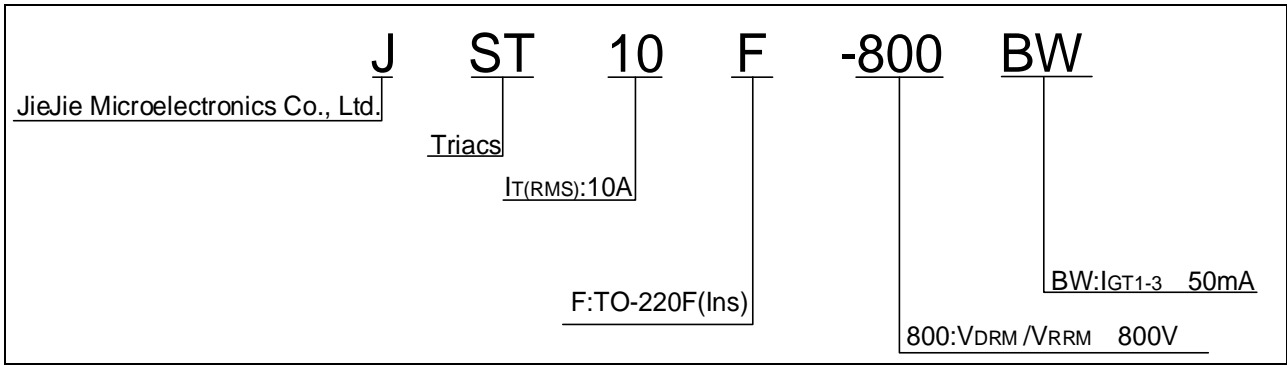
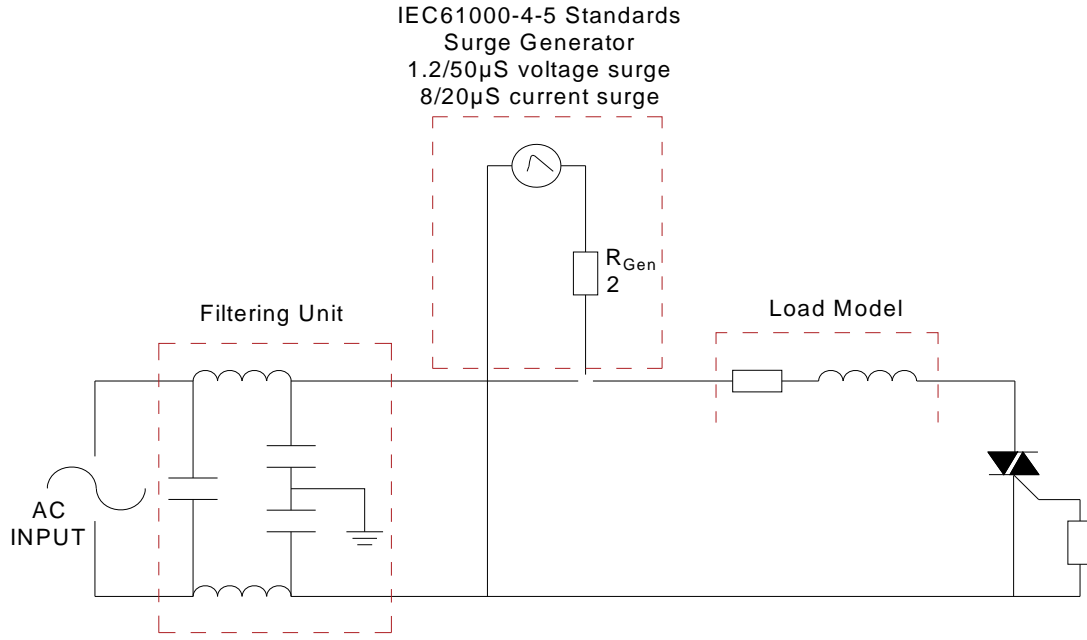


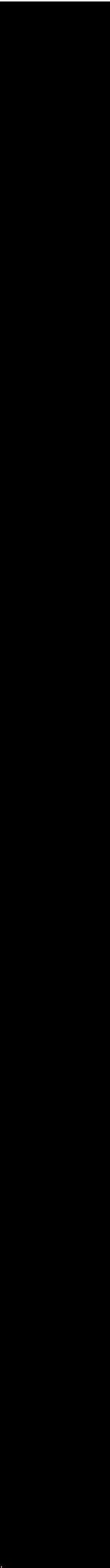


FIG.1: Maximum power dissipation versus RMS on-state current

FIG.2: RMS on-state current versus case temperature

FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards





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