or general purpose AC
FF function in applications
motor starting circuits,
mmers, 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	
	T_j	-40-125	
=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 =33Ω	- -	MAX.	50	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} T_j =125 R_L =3.3kΩ	- -	MIN.	0.2	V
	D=540V ˗ p m Ă j=125 T		MIN.	1500	V/μs ж
	j=125		MIN.	15	A/ms
o	G=80mA I =400mA I =40mA ʒ #		ts	ж	ă
o f	T_j=25				

S mbo Parame e Value ʻ r Ɔ Ŏ þ M V U it

DRM T
V V =Ѵ ʻ ʻ

J ST 10 F -800 BW

- J: JieJie Microelectronics Co., Ltd.
- ST: Triacs
- 10: $I_{T(RMS)}$:10A
- F: F:TO-220F(Ins)
- -800: 800:V_{DRM} /V_{RRM} ≥ 800V
- BW: BW:I_{GT1-3} ≤ 50mA

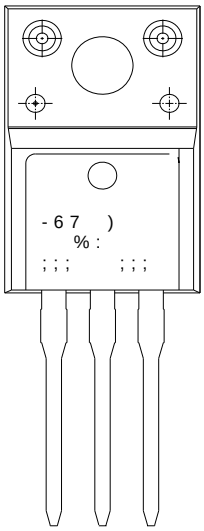
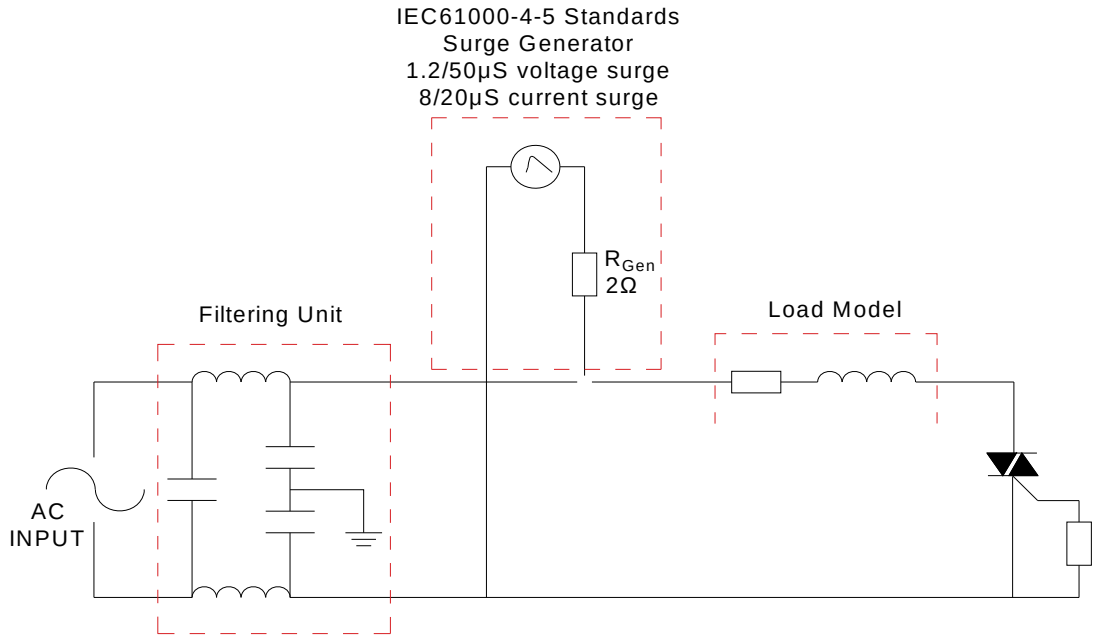


FIG.1: Maximum power dissipation versus RMS on-state current

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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