Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.7)	V_{pp}	5	kV

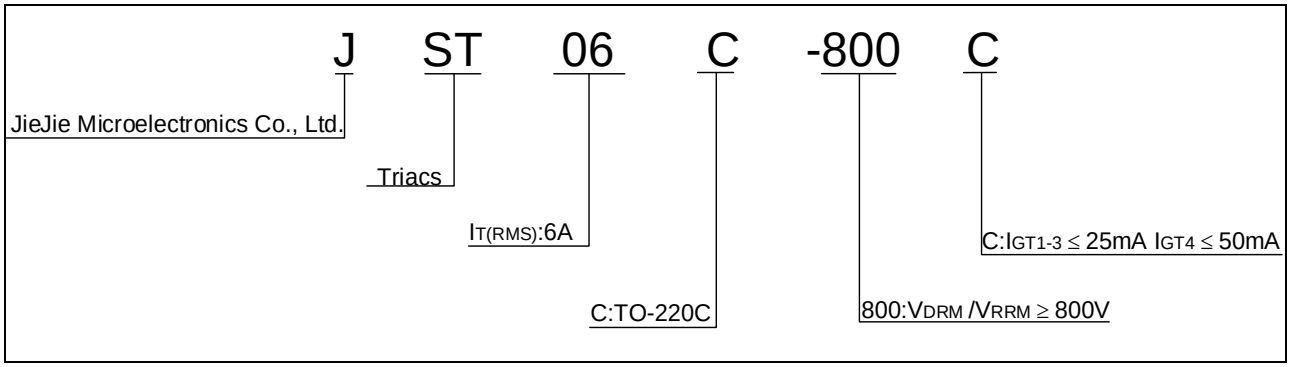
ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D=12V R_L=33Ω	- -	MAX.	25	mA
				50	
V_{GT}		ALL	MAX.	1	V
V_{GD}	V_D=V_{DRM} T_j=125 R_L=3.3kΩ	ALL	MIN.	0.2	V
I_L	I_G=1.2I_{GT}	- -	MAX.	50	mA
				60	
I_H	I_T=200mA		MAX.	40	mA
dV/dt	V_D=540V Gate Open T_j=125		MIN.	300	V/μs
(dV/dt)c	(dI/dt)c=2.7A/ms, T_j=125		MIN.	5	V/μs
t_{on}	I_G=80mA I_A=400mA I_R=40mA T_j=25		TYP.	3	μs
t_{off}				30	

STATIC CHARACTERISTICS

Symbol	Parameter	Value(MAX.)	Unit
V_{TM}	I_{TM}=8.5A t		

ORDERING INFORMATION

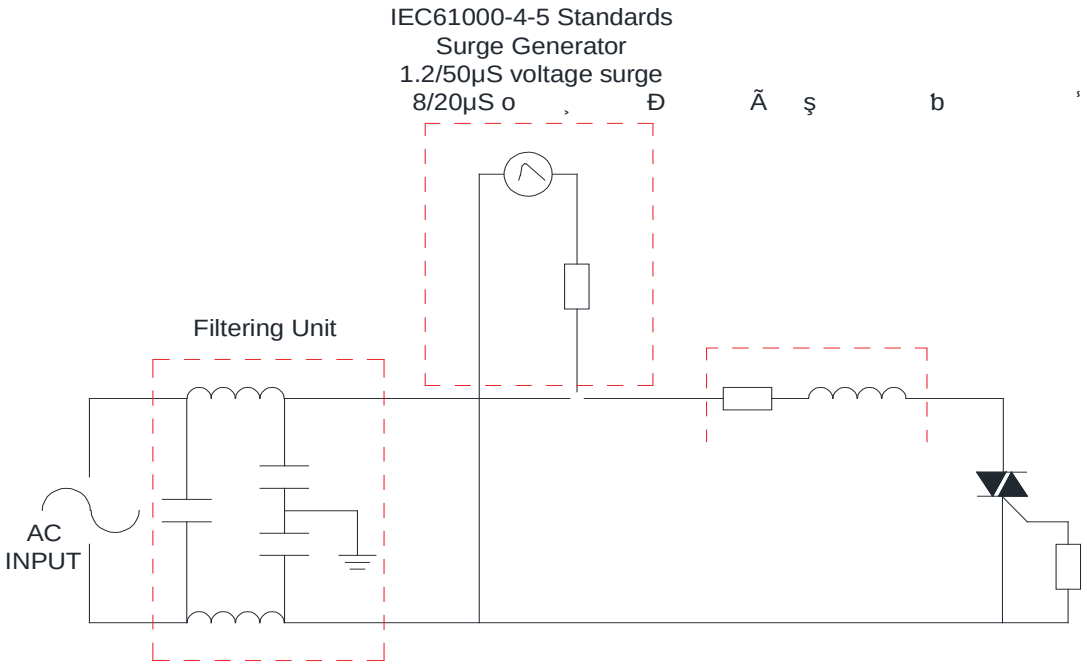


MARKING



FIG.1: Maxcu ccccpc (c) RTJ 0 (cM)]TJTT31.2 (4T3 1 Tf -0.006 Tw J 0102 W .466 -0.00n Tw 0.829 0 Td7 Tc

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



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