



Peak pulse voltage ( $T_j=25$ ; non-repetitive, off-state; FIG.7)	$V_{pp}$	5	kV
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**ELECTRICAL CHARACTERISTICS** ( $T_j=25$  unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
$I_{GT}$	$V_D=12V$ $R_L=33$	- -	MAX.	25	mA
				50	
$V_{GT}$		ALL	MAX.	1	V
$V_{GD}$	$V_D=V_{DRM}$ $T_j=125$ $R_L=3.3k$	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/ $\mu s$
(dV/dt) <sub>c</sub>	(dI/dt) <sub>c</sub> =2.7A/ms, $T_j=125$		MIN.	5	V/ $\mu s$
$t_{on}$	$I_G=80mA$ $I_A=400mA$ $I_R=40mA$ $T_j=25$		TYP.	3	$\mu s$
$t_{off}$				30	

**STATIC CHARACTERISTICS**

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

ORDERING INFORMATION

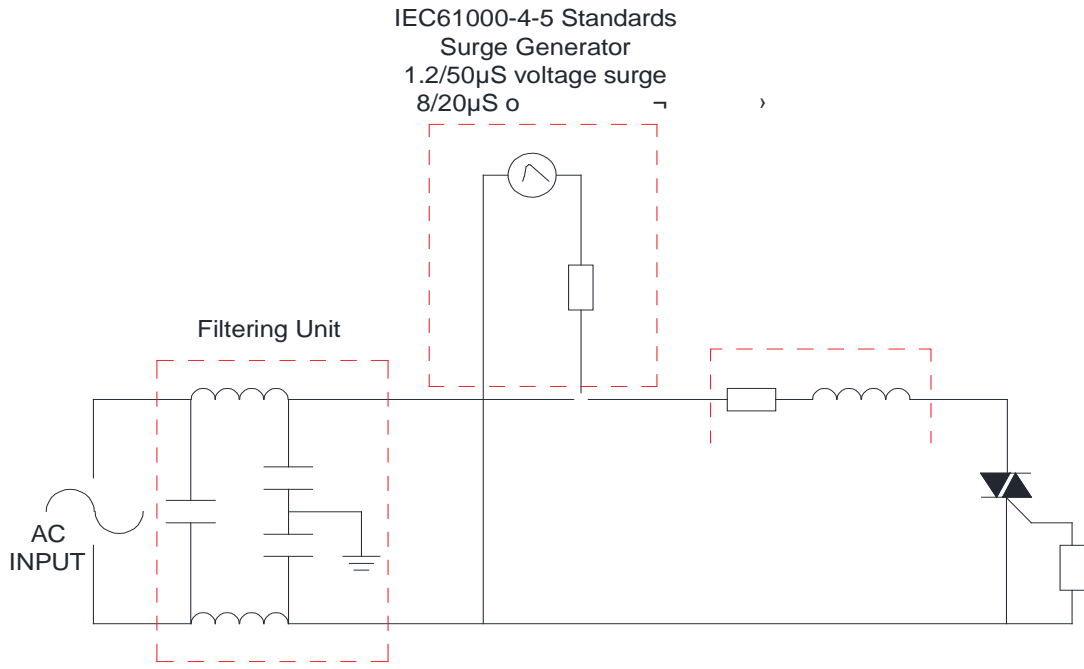
<u>J</u>	<u>ST</u>	<u>06</u>	<u>C</u>	<u>-800</u>	<u>C</u>
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:6A$	$C:TO-220C$	$800:V_{DRM}/V_{RRM} \ 800V$	$C:I_{GT1-3} \ 25mA \ I_{GT4} \ 50mA$

MARKING



**FIG.1:** Max u 064 1 Tf 0.-006 Tw w 0 T102 n .4660.009 nw 0.829 0 Td [Tc -0.007 Tw 0.614 0 Td [ .4413.7 (52

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




**JieJie M**





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