JST08C-800C 8A TRIAC

Rev.A.1.1

The JST08C-880

(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.	40	mA
				80	
I_H	I_T=200mA		MAX.	30	mA
dV/dt	V_D=540V Gate Open T_j=125		MIN.	500	V/μs
(dV/dt)c	(dI/dt)c=3.5A/ms, T_j=125		MIN.	6	V/μs
t_{on}	I_G=80mA I_A=400mA I_R=40mA T_j=25		TYP.	5	μs
t_{off}				30	

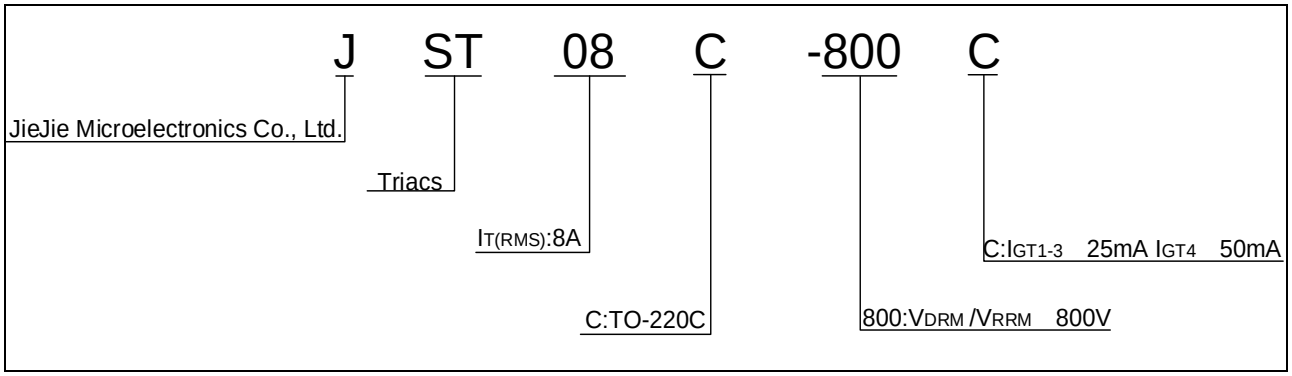

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08
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-800
C
JieJie Microelectronics Co., Ltd.
Triacs
IT(RMS):8A
C:TO-220C
800:VDRM /VRRM 800V
C:IGT1-3 25mA IGT4 50mA

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



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

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