

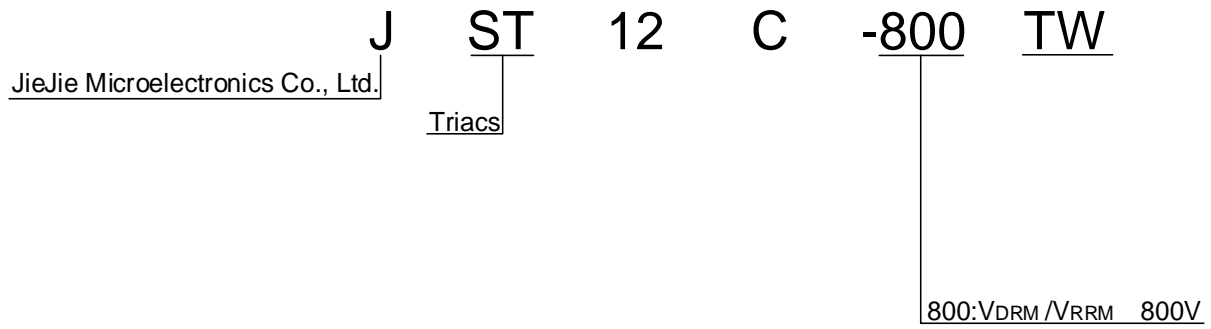


Peak pulse voltage ( $T_j=25$ ; non-repetitive, off-state; FIG.7)	$V_{pp}$	3.5	kV
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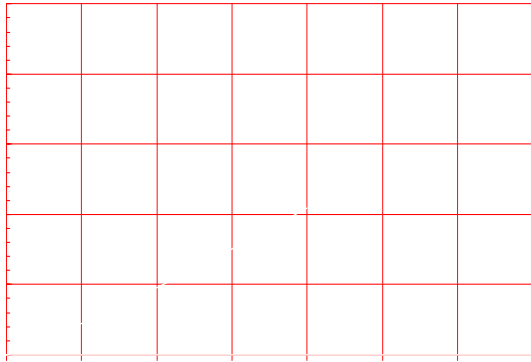
**ELECTRICAL CHARACTERISTICS** ( $T_j=25$  unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
$I_{GT}$	$V_D=12V R_L=33$	- -	MAX.	5	mA
$V_{GT}$		- -	MAX.	1	V
$V_{GD}$	$V_D=V_{DRM} T_j=125$ $R_L=3.3k$	- -	MIN.	0.2	V
$I_L$	$I_G=1.2I_{GT}$	-	MAX.	10	mA
				15	
$I_H$	$I_T=500mA$		MAX.	10	mA
$dV/dt$	$V_D=540V$ Gate Open $T_j=125$		MIN.	80	V/ $\mu s$
$(dI/dt)_c$	$(dV/dt)_c=10V/\mu s$ T		MIN-		

ORDERING INFORMATION -



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



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

**JST12C-800TW**

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