



JST30C-800CW 30A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST30C-800CW triac is suitable for general purpose

AC switching. It can be used as an ON/OFF function in

applications such as heating regulation, induction motor

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Peak pulse voltage ($T_j=25^\circ\text{C}$; non-repetitive, off-state; FIG.7)	V_{pp}	2.5	kV
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ELECTRICAL CHARACTERISTICS (unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V$ $R_L=33\Omega$	- -	MAX.	35	mA
V_{GT}		- -	MAX.	1.3	V
V_{GD}	$V_D=V_{DRM}$ $T_j=125^\circ\text{C}$ $R_L=3.3k\Omega$	- -	MIN.	0.15	V

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ORDERING INFORMATION

<u>J</u>	<u>ST</u>	<u>30</u>	<u>C</u>	<u>-800</u>	<u>CW</u>
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:30A$	$C:TO-220C$	$800:V_{DRM}/V_{RRM} 1800V$	$CW:I_{GT1-3} 0.35mA$

MARKING



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

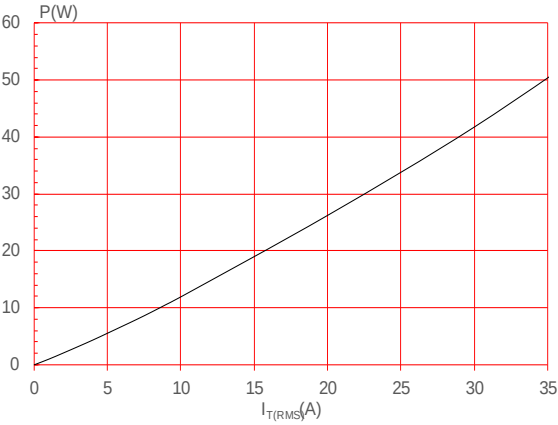


FIG.2: RMS on-state current versus case temperature



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