



JST04C-600BW 4A TRIAC

Rev.A.1.1

The JST04C-600BW 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 starting circuits, for.

Peak pulse voltage ($T_j=25^\circ\text{C}$; non-repetitive, off-state; FIG.7)	V_{pp}	4	kV
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($T_j=25^\circ\text{C}$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12\text{V}$ $R_L=33\Omega$	- -	MAX.	50	mA
V_{GT}			MAX.	1	V
V_{GD}	$R_L=3.3\text{k}\Omega$		MIN.	0.2	V
I_L	$I_G=1.2I_{GT}$		MAX.	70	mA

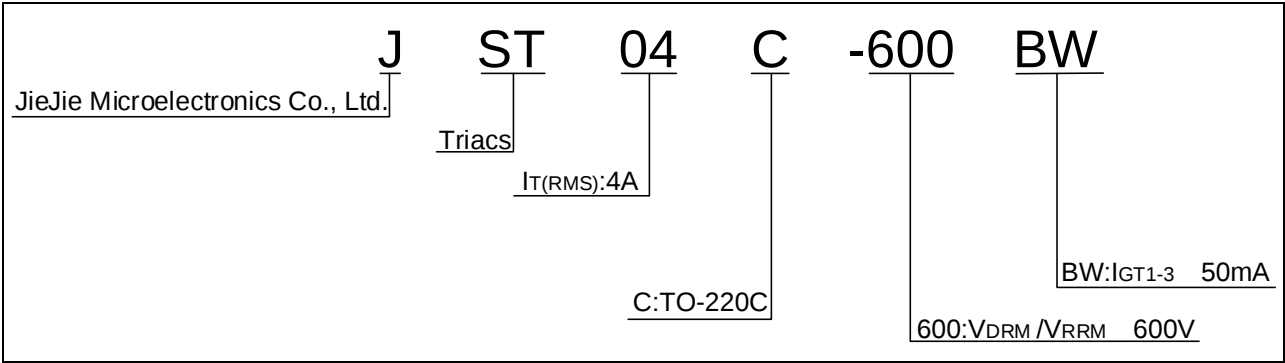


FIG.1: Maximum power dissipation versus RMS on-state current

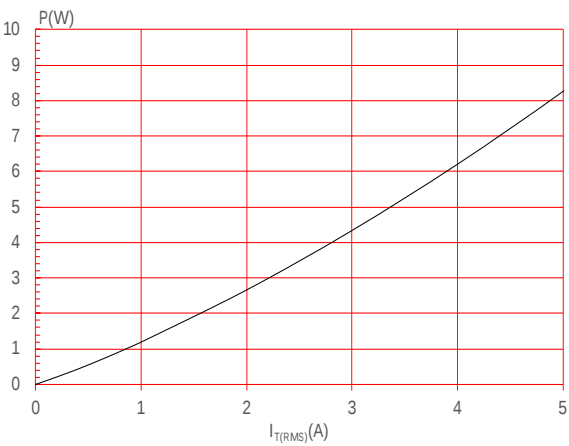


FIG.2: RMS on-state current versus case temperature

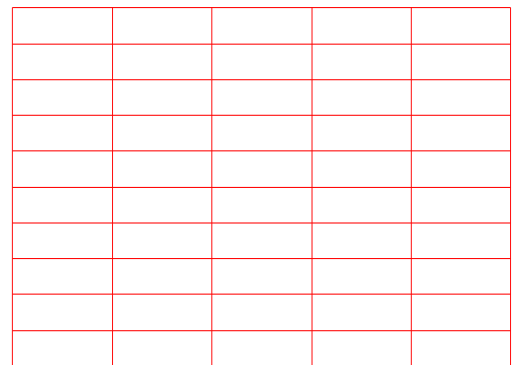
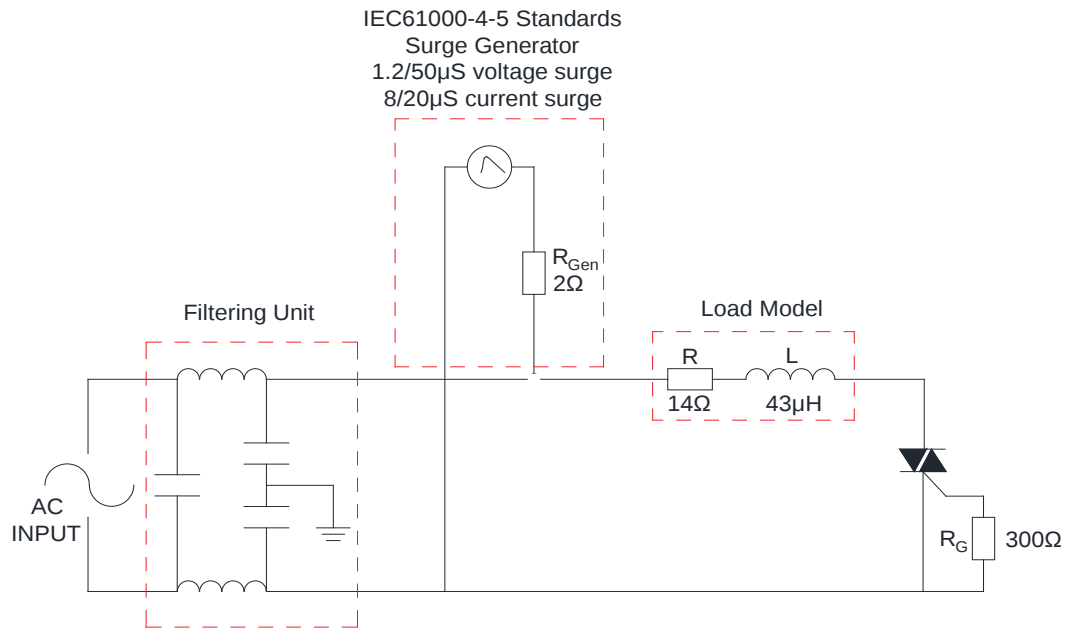


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
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JST04C-600BW	600	50	TO-220C	50	Tube



