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.a(c)4 (o)10 ((t)2 (r)7 oal)6 ((o)10 pe(r)7 ((t)2 (i1)6 (on i1)6 (npl)6 (i)6 ng)10 h(t)2 (

Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.7)	V_{pp}	4	kV

(T_j=25 unless otherwise specified)

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

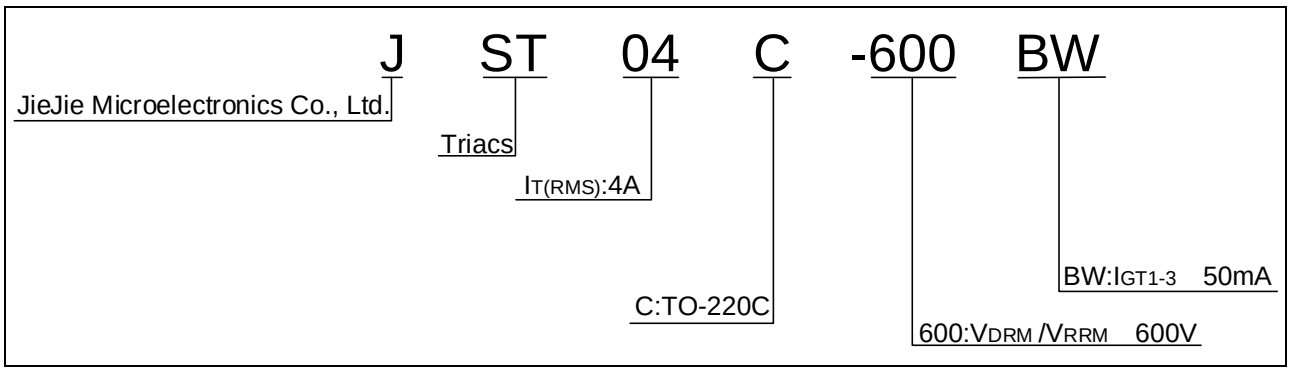

J
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JieJie Microelectronics Co., Ltd.
Triacs
IT(RMS):4A
C:TO-220C
BW:IGT1-3 50mA
600:VDRM /VRRM 600V

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

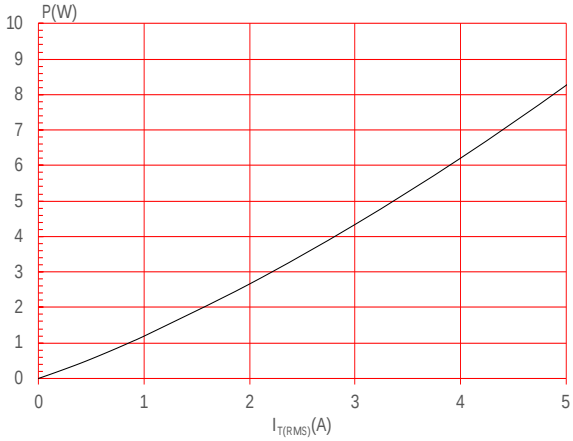


FIG.2: RMS on-state current versus case temperature

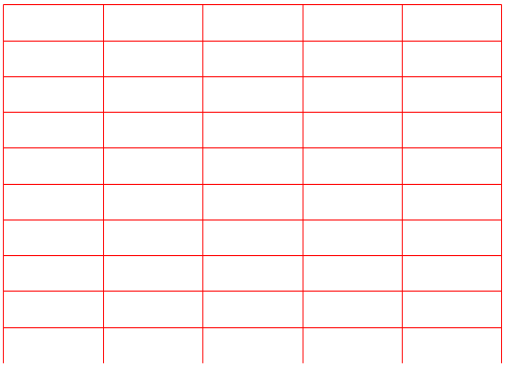
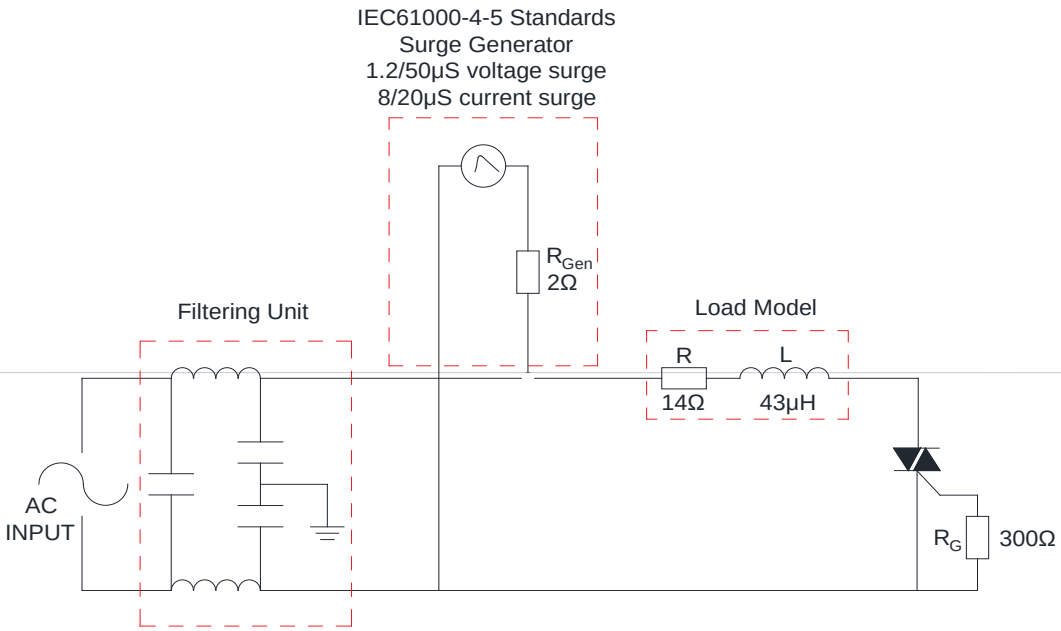


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



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

