



JST06H-800CW 6A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST06H-800CW

Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.7)	V_{pp}	3	kV
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ELECTRICAL CHARACTERISTICS (at $T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V$ $R_L=33$	- -	MAX.	35	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.	50	mA
				60	
I_H	$I_T=100mA$		MAX.	35	mA
dV/dt	$V_D=540V$ Gate Open $T_j=125$		MIN.	1200	V/s
$(dI/dt)_c$	G 9 G W F $j=125V$ 7		MIN.	4	A/ms
t_{on}	$I_G=40mA$ $I_A=200mA$ $I_R=20mA$ $T_j=25$		TYP.	3	s
t_{off}				30	

STATIC CHARACTERISTICS

Symbol	Parameter	Value(MAX.)	Unit
V_{TM}			

ORDERING INFORMATION

<u>J</u>	<u>ST</u>	<u>06</u>	<u>H</u>	<u>-800</u>	<u>CW</u>
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:6A$			
			$H:TO-251$		$CW:I_{GT1-3} \leq 35mA$
				$800:V_{DRM} / V_{RRM} \geq 800V$	

MARKING

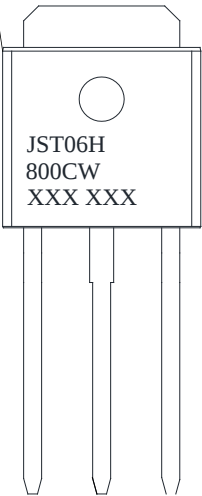
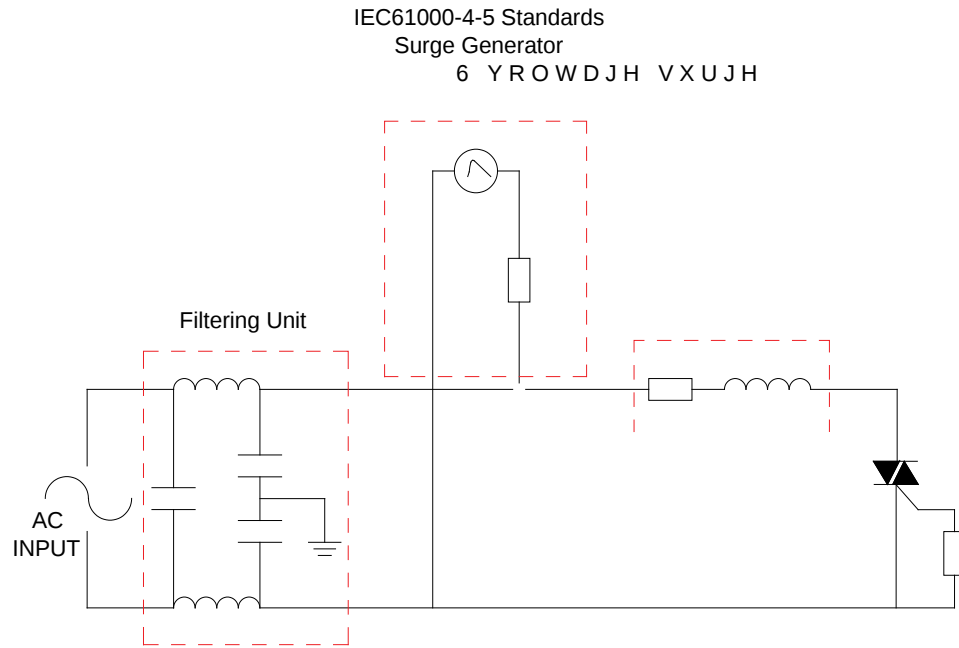


FIG.1:

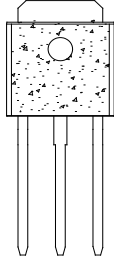
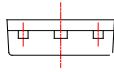
FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



ORDERING INFORMATION

Order code	Voltage	IGT(mA)	Package	Base qty. (pcs)	Delivery
	$V_{\text{DRM}}/V_{\text{RRM}}$ (V)				

PACKAGE MECHANICAL DATA



Information furnished in this document is believed to be accurate and reliable. However,