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

ELECTRICAL CHARACTERISTICS (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

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

MARKING

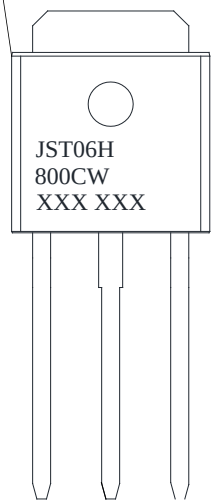
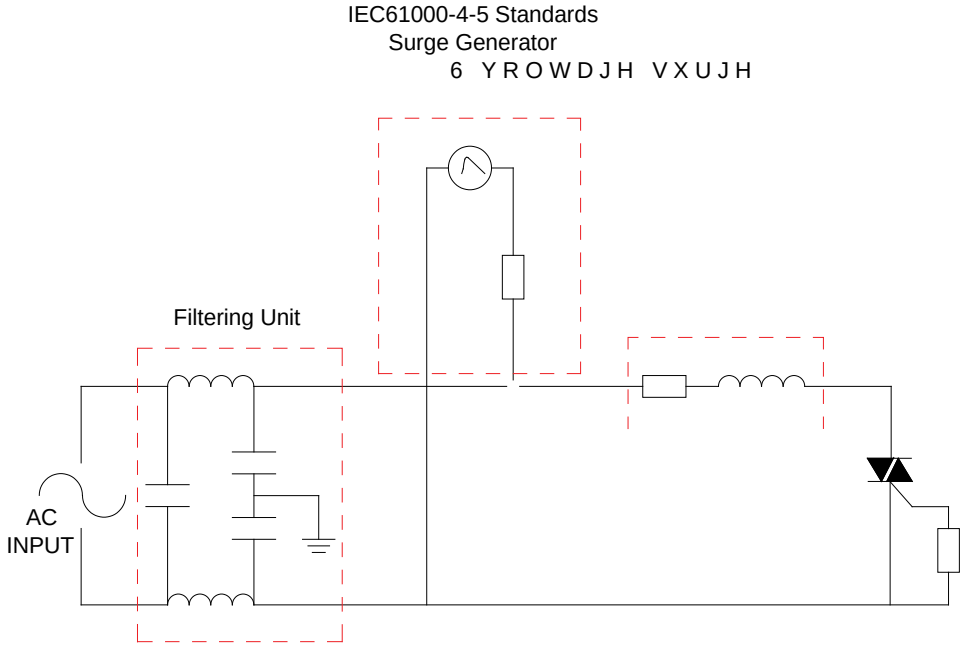


FIG.1:

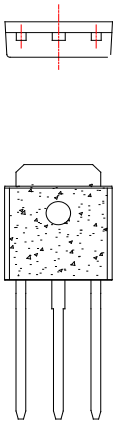
FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



ORDERING INFORMATION

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

PACKAGE MECHANICAL DATA



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