



JST08H-800CW 8A TRIAC

Rev.A.1.0

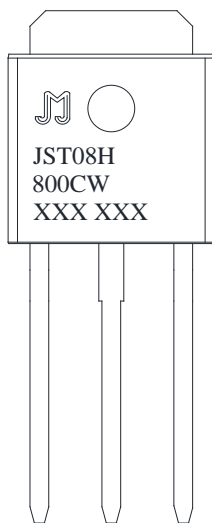
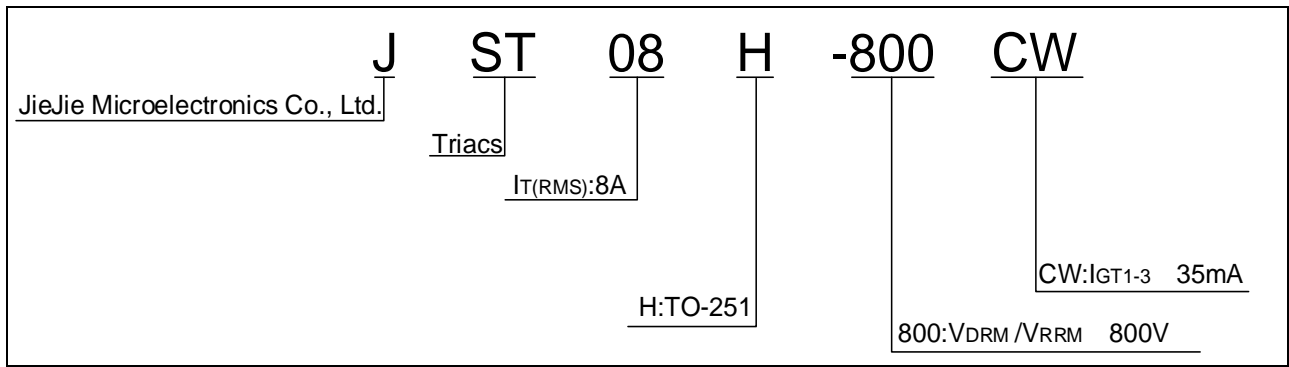
The JST08H-800CW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating

Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.7)	V_{pp}	2	kV
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($T_j=25$ 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	V
V_{GD}	$V_D=V_{DRM} T_j=125$ $R_L=3.3K\Omega$	- -	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.	800	V/ μs
(dI/dt) _c	(dV/dt) _c =20V/ μs , $T_j=125$		MIN.	10	A/ms
t_{on}	$I_G=40mA I_A=200mA I_R=20mA$ $T_j=25$		TYP.	3	μs
t_{off}				30	

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	$I_{TM}=11A t_p=380\mu s$	$T_j=25$	1.5	V
V_{TO}	Threshold voltage	$T_j=125$	0.8	V
R_D	Dynamic resistance	$T_j=125$	44	m Ω
I_{DRM}	$V_D=V_{DRM} V_R=V_{RRM}$	$T_j=25$		

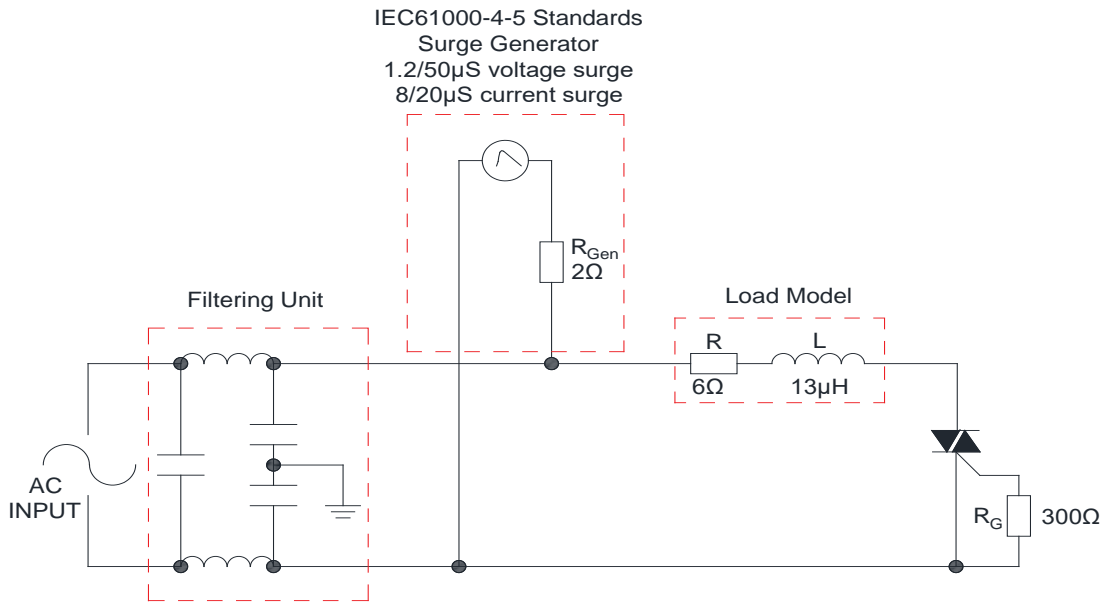


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Year
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Production
Code

JST08H-800CW

JieJie Microelectronics

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



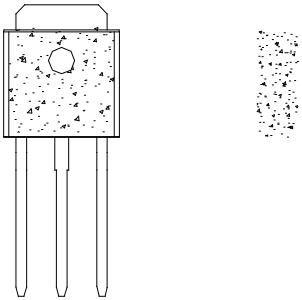
Refer to Instructions for installation of plastic-sealed in-line power devices released by JieJie

Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
JST08H-800CW	800	35	TO-251	80	Tube

Document Revision History

Date	Revision	Changes
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Apr. 



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