JST134C-800E 4A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST134C-800E triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, inductio

-8 4-W, i h (i)6 (nd)10 (3 >>BDC 0.004 Tc -0.002 Tw

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D=12V R_L=33Ω	- -	MAX.	10	mA
				25	
V_{GT}		ALL	MAX.	1	V
V_{GD}	V_D=V_{DRM} T_j=125 R_L=3.3kΩ	ALL	MIN.	0.2	V
I_L	I_G=1.2I_{GT}	- -	MAX.	15	mA
				25	
I_H	I_T=100mA		MAX.	20	mA
dV/dt	V_D=540V Gate Open T_j=110		MIN.	250	V/μs
(dV/dt)c	(dI/dt)c=1.8A/ms, T_j=110		MIN.	6	<.86 0 Td V[(s)10 (

ORDERING INFORMATION

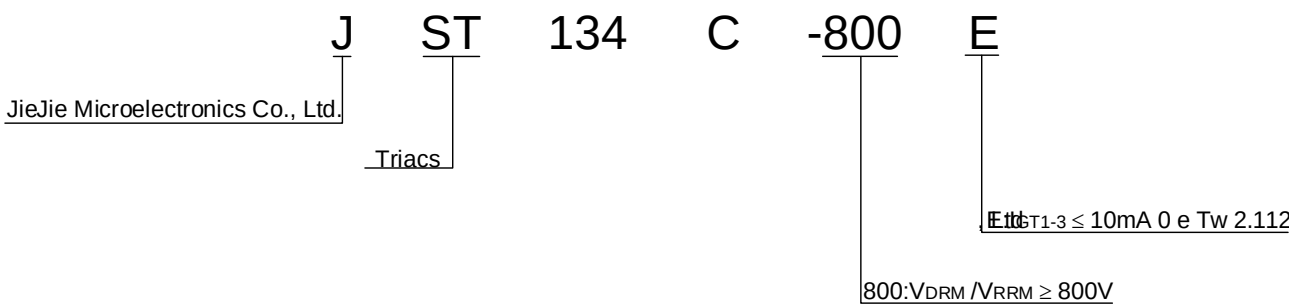


FIG.1: Maximum power dissipation versus RMS on-state current

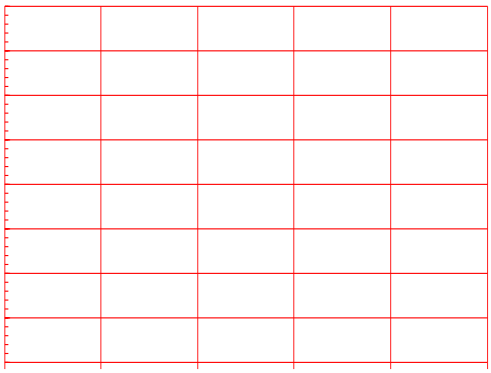
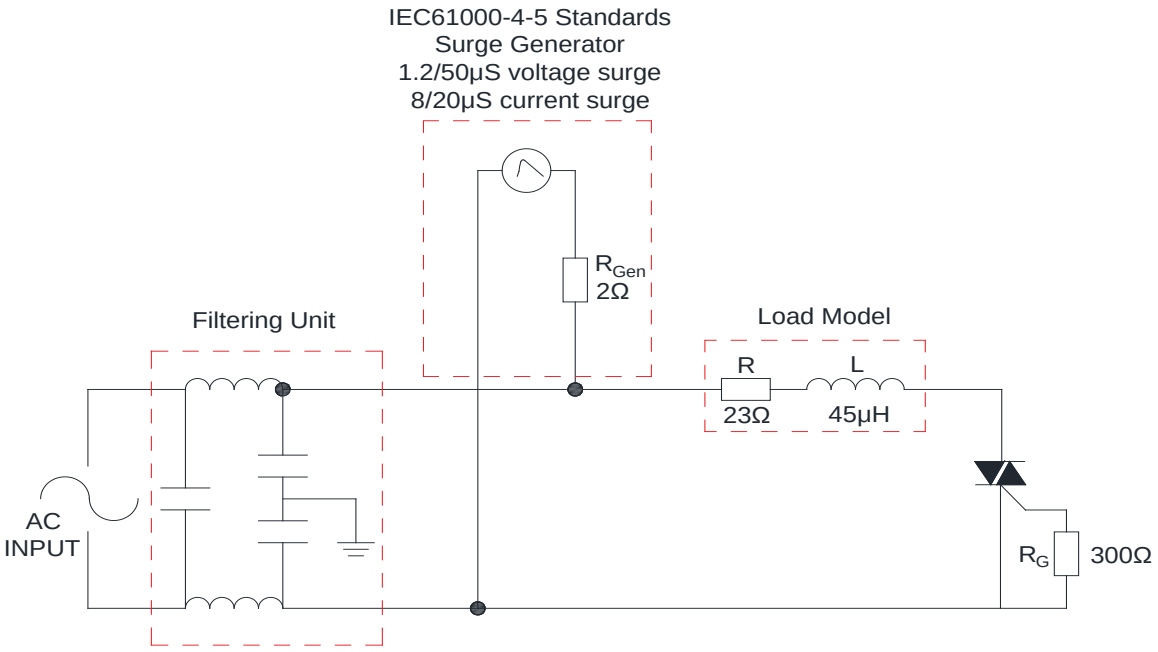


FIG.2: RMS on-state current versus case temperature

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



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