



JST24A-800C 25A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST24A-800C 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 phase control operation in light dimmers, motor speed controllers. By using an internal ceramic pad, JST24A-800C provides a rated insulation voltage of 2500 VRMS, complying with UL standards (File ref: E252906). Package TO-220A is RoHS compliant.

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-125	

ORDERING INFORMATION

<u>J</u>	<u>ST</u>	<u>24</u>	<u>A</u>	<u>-800</u>	<u>C</u>
JieJie Microelectronics Co., Ltd.	Triacs				
		<u>IT(RMS):25A</u>			<u>C:IGT1-3 25mA IGT4 50mA</u>
		<u>A:TO-220A(Ins)</u>		<u>800:VDRM /VRRM 800V</u>	

MARKING

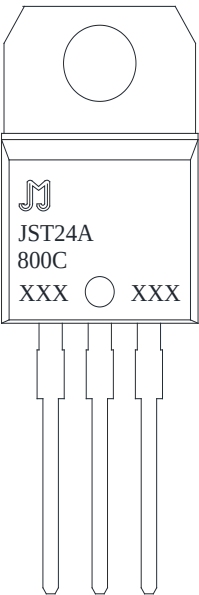
	<u>XXX</u> <u>XXX</u> Year _____ Production Code _____ Month _____ Code _____
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FIG.1: Maximum power dissipation versus RMS on-state current

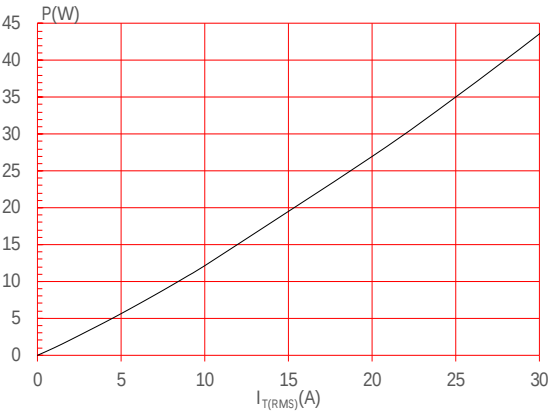
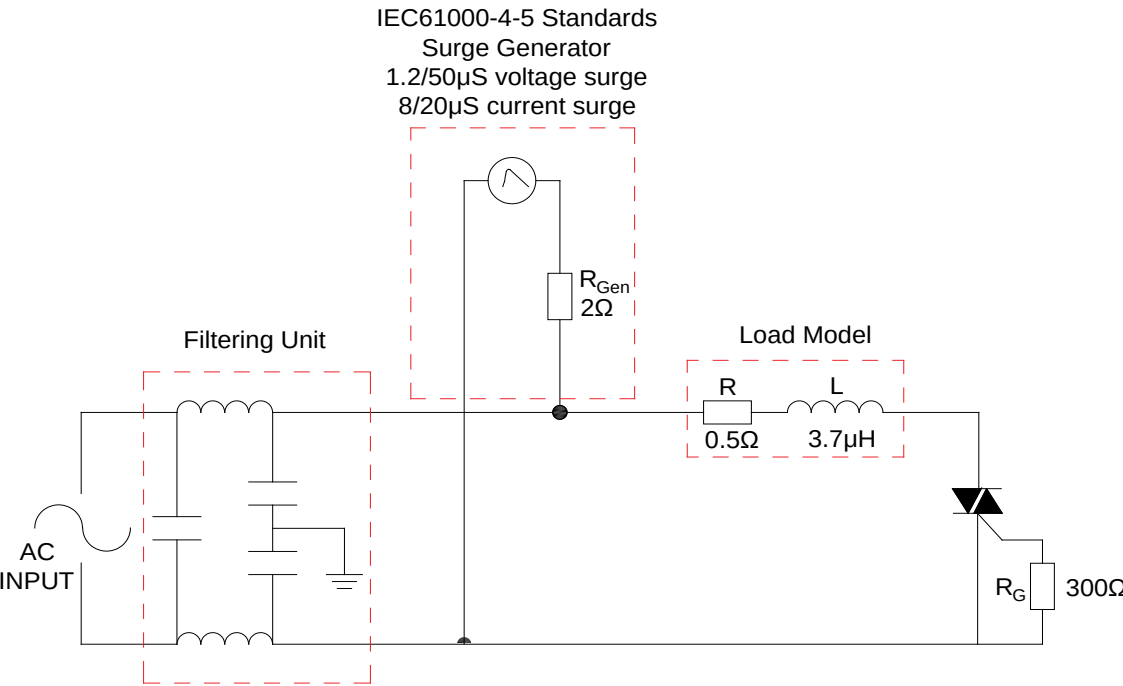


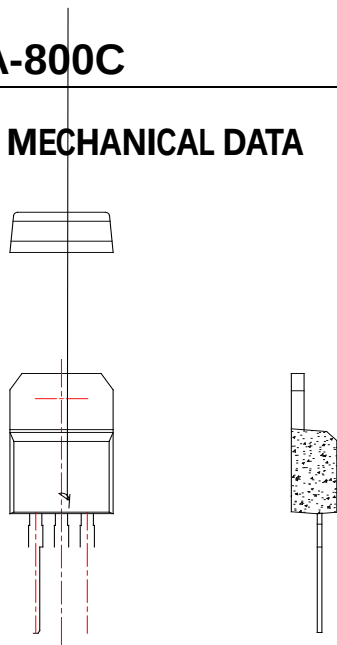
FIG.2: RMS on-state current versus case temperature



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



PACKAGE MECHANICAL DATA



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