



JST137D-800E 8A TRIAC

Rev.A.1.0

DESCRIPTION:

The JST137D-800E 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. Package TO-262 is RoHS compliant.

MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	cb5rtagpereTO	

ORDERING INFORMATION

J	ST	137	D	-800	E
JieJie Microelectronics Co., Ltd.	Triacs	$I_T(RMS):8A$	D:TO-262		$E:I_{GT1-3} \leq 10mA \ I_{GT4} \leq 25mA$
				$800:V_{DRM} / V_{RRM} \geq 800V$	

MARKING

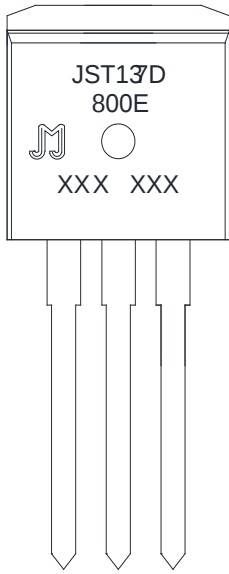
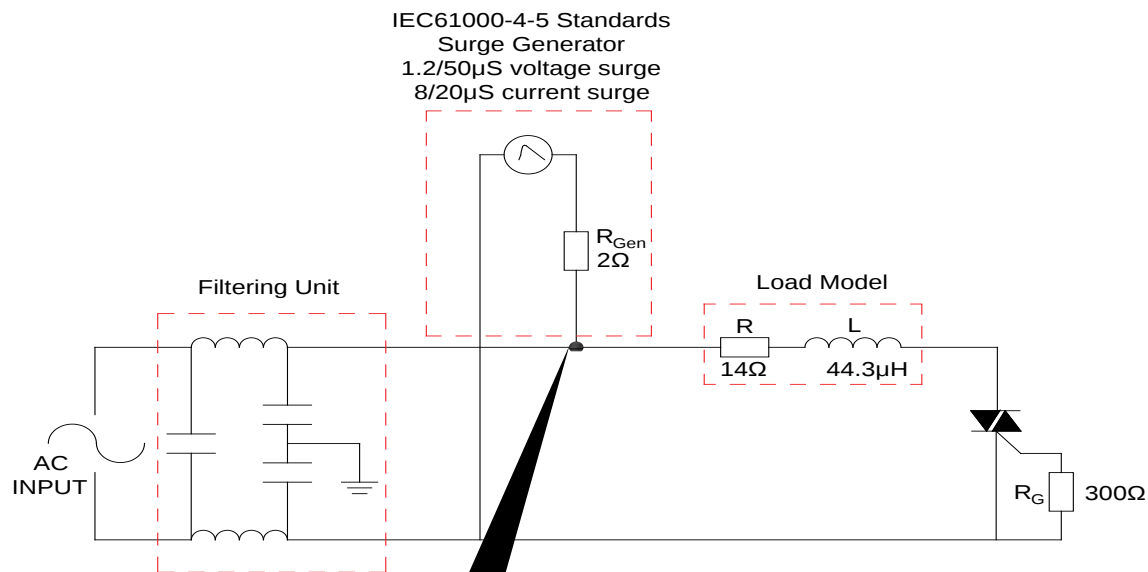
	XXX XXX Year Month Production Code
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FIG.1: Maximum power dissipation versus RMS on-state current



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

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



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