



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

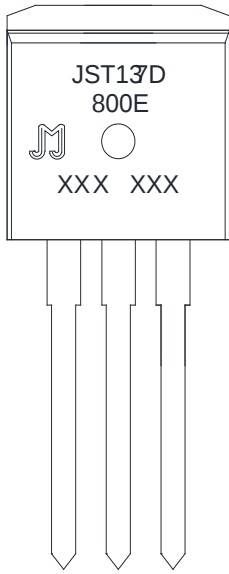
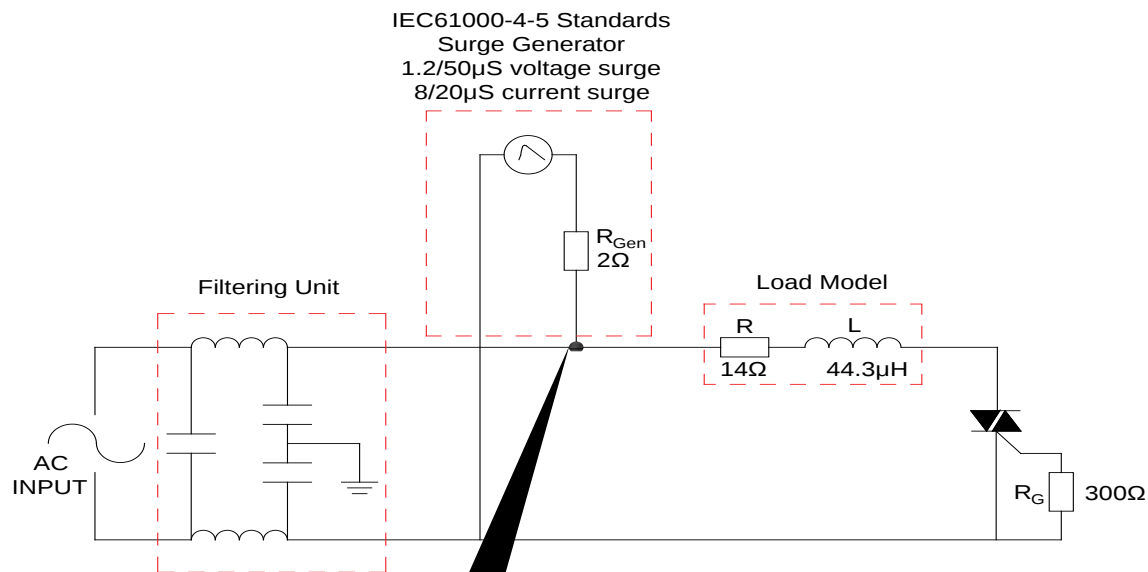
 Diagram of the JST137D-800E triac package. The package is a TO-262 style with three leads. The marking on the package includes the part number JST137D 800E, the JieJie logo, and two sets of three characters (XXX XXX) representing the date code and production code.	XXX XXX Year Month Production Code
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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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