



## JST138E-800D 12A TRIAC

Rev.A.1.1

### DESCRIPTION:

The JST138E-800D 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-263 is RoHS compliant.

### MAIN FEATURES

### ABSOLUTE MAXIMUM RATINGS

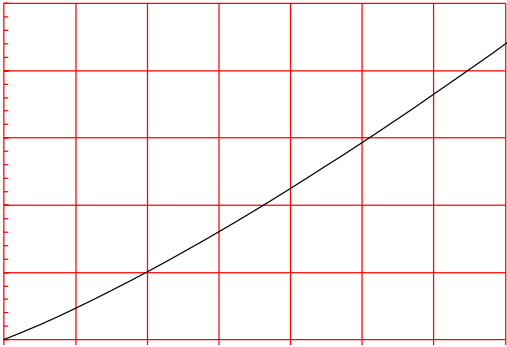
Parameter	Symbol	Value	Unit
Storage junction temperature range	$T_{st0048mer}$		

**ELECTRICAL CHARACTERISTICS** ( $T_j=25$  unless otherwise specified)

<b>Symbol</b>	<b>Test Condition</b>	<b>Quadrant</b>	<b>Value</b>	<b>Unit</b>
$I_{GT}$	$V_D=12V$ $R_L=33$	-		

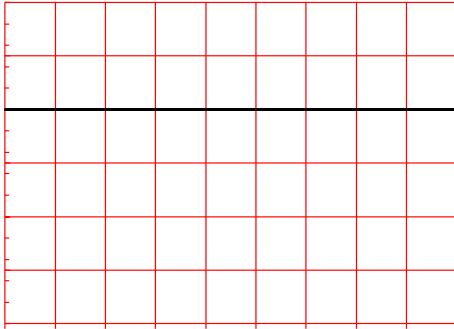


**FIG.1:** Maximum power dissipation versus RMS on-state current



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

**FIG.7:** Relative variations of gate trigger current, holding current and latching current versus junction temperature



**JST138E-800D**

**JieJie Microelectronics Co., Ltd.**

**ORDERING INFORMTON**

Order coe	Voltage $V_{DRM}/V_{RRM}$ (V)	IGT(m )		Packag	Base qty. (p)	Deliver mode
		H- I- J				
JST138E-800D						

**JST138E-800D-TR**

Date	Revision	Changes
------	----------	---------



DELIVERY MODE



