



## JST136C-600T 4A TRIAC

Rev.A.1.1

### DESCRIPTION:

The JST136C-600T 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. From T2 terminals to external heatsink. Package TO-220C is RoHS compliant.

### MAIN FEATURES

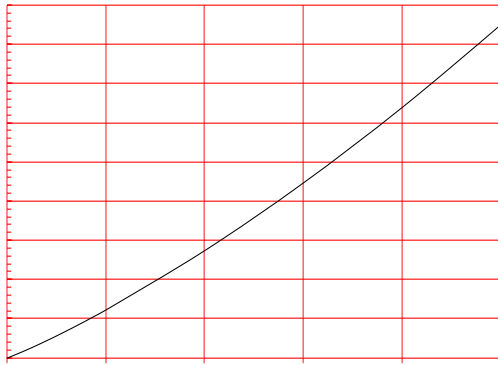
ELECTRICAL CHARACTERISTICS ( $T_j=25$  unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
$I_{GT}$	$V_D=12V$ $R_L=33$	ALL	MAX.	5	mA
$V_{GT}$		ALL	MAX.	1	V
$V_{GD}$	$V_D=V_{DRM}$ $T_j=125$ $R_L=3.3k$	ALL	MIN.	0.2	V
$I_L$	$I_G=1.2I_{GT}$	-	MAX.	10	mA
		-		15	
$I_H$	$I_T=100mA$		MAX.	5	mA
dV/dt	$V_D=400V$ Gate Open $T_j=110$		MIN.	30	

ORDERING INFORMATION

	<u>J</u>	<u>ST</u>	<u>136</u>	<u>C</u>	<u>-600</u>	<u>T</u>
JieJie Microelectronics Co., Ltd.		Triacs				

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



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





**ORDERING INFORMATION**

Order code



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