



JST137C-600DX 8A TRIAC

Rev.A.1.1

DESCRIPTION:

The JST137C-600DX 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. P

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I _{GT}	V _D =12V R _L =33Ω	- -		

ORDERING INFORMATION

J	ST	137	C	-600	D	X
JieJie Microelectronics Co., Ltd.	Triacs	$I_{T(RMS)}:8A$	C:TO-220C	600: $V_{DRM}/V_{RRM} \geq 600V$	D: $I_{GT1-3} \leq 5mA$ $I_{GT4} \leq 10mA$	X:Small current

MARKING

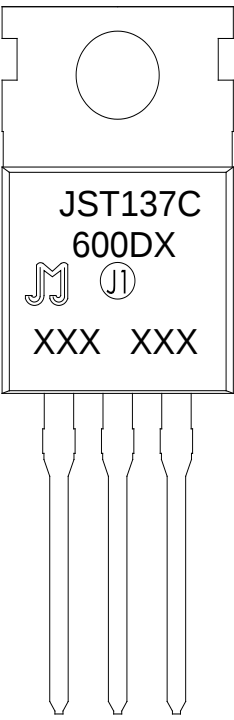
	XXX XXX Year _____ Month _____ Production Code
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FIG.1: Maximum power dissipation versus RMS on-state current



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

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

ORDERING INFORMATION

Order code	Voltage V _{DRM} /V _{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery

PACKAGE MECHANICAL DATA

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