

ELECTRICAL CHARACTERISTICS (unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
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I_{GT}

$V_D=12V$ $R_L=33$

- - 10GTmAGT

ORDERING INFORMATION

<u>J</u>	<u>ST</u>	<u>137</u>	<u>C</u>	<u>-800</u>	<u>E</u>	<u>X</u>
JieJie Microelectronics Co., Ltd.	Triacs	$I_T(RMS):8A$	C:TO-220C	800:VDRM /VRRM 1800 V	E:IGT1-3 010 mA IGT4 025 mA	X:Small current

MARKING

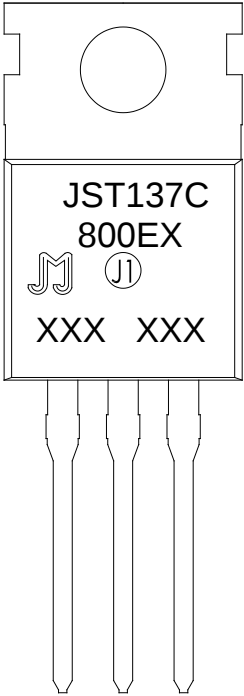
	XXX XXX Year _____ Month _____ Production Code
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FIG.1: Maximum power dissipation versus RMS on-state current

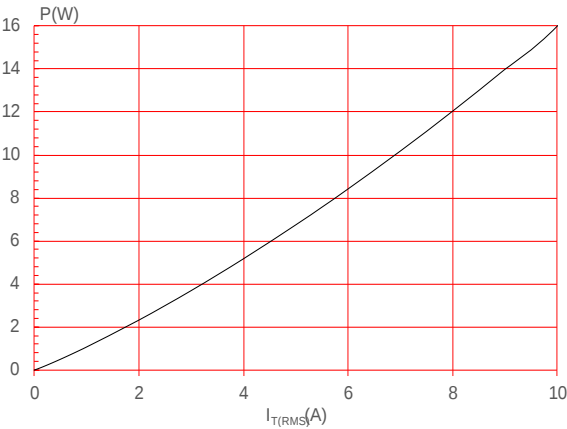
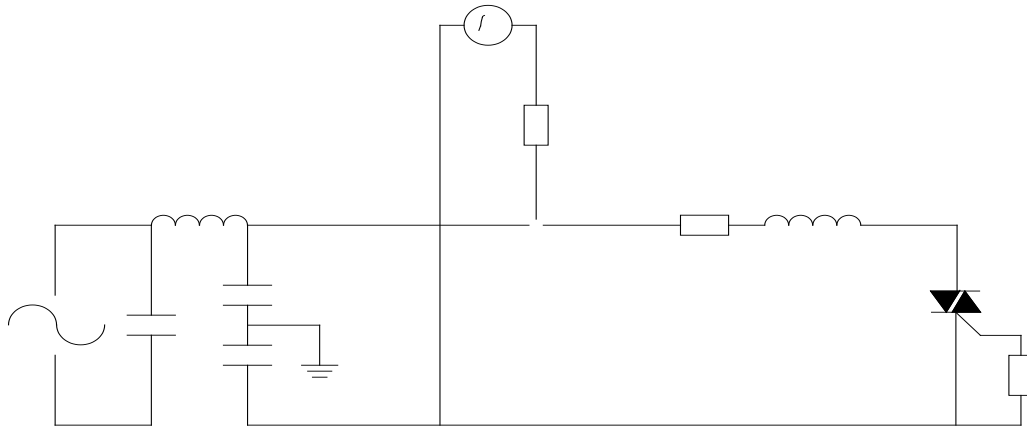


FIG.2: RMS on-state current versus case temperature

FIG.3: Surge peak on-state current versus number of cycles



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



ORDERING INFORMATION

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)		Package	Base qty. (pcs)	Delivery mode
		H- I- J	K			
JST137C-800EX	800	10	25	TO-220C	50	Tube

Document Revision History

Date	Revision	Changes
Apr.14, 2023	A.1.0	Last updated
Oct.16, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

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parties which may result fJJQ0 (t)2 (s)017, (om)4362()Tj -0.t (i)6Td 03 Tw 0.21 0 Td 39(i)6 (es)JTJ 0 Tc0