

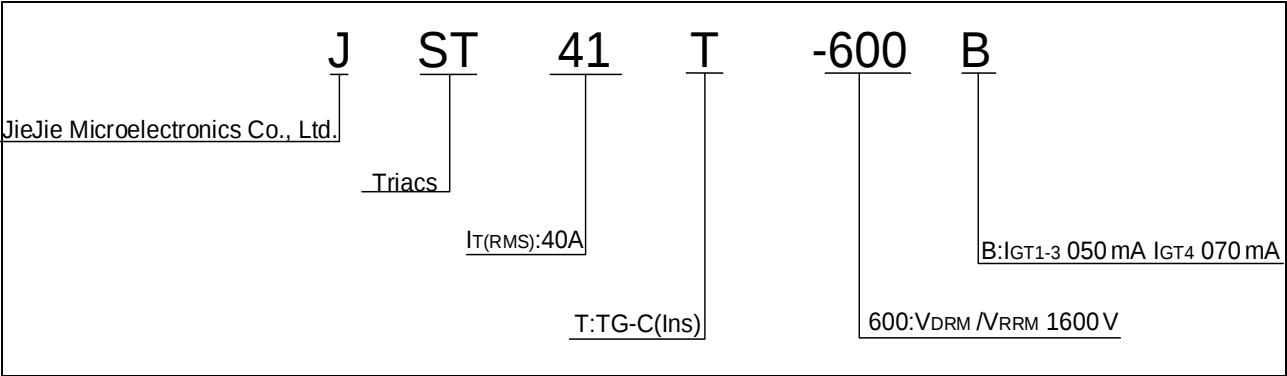
Peak pulse voltage ($T_j=25^{\circ}\text{C}$; non-repetitive,off-state;FIG.7)	V_{pp}	0.9	kV
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ELECTRICAL CHARACTERISTICS (unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12V\ R_L=33\ \Omega$	- -	MAX.	50	mA
				70	
V_{GT}		ALL	MAX.	1.3	V

$V_D=V_{DRM}\ T_j=125^{\circ}\text{C}$
 $R_L=3.3k\ \Omega$

ORDERING INFORMATION



MARKING

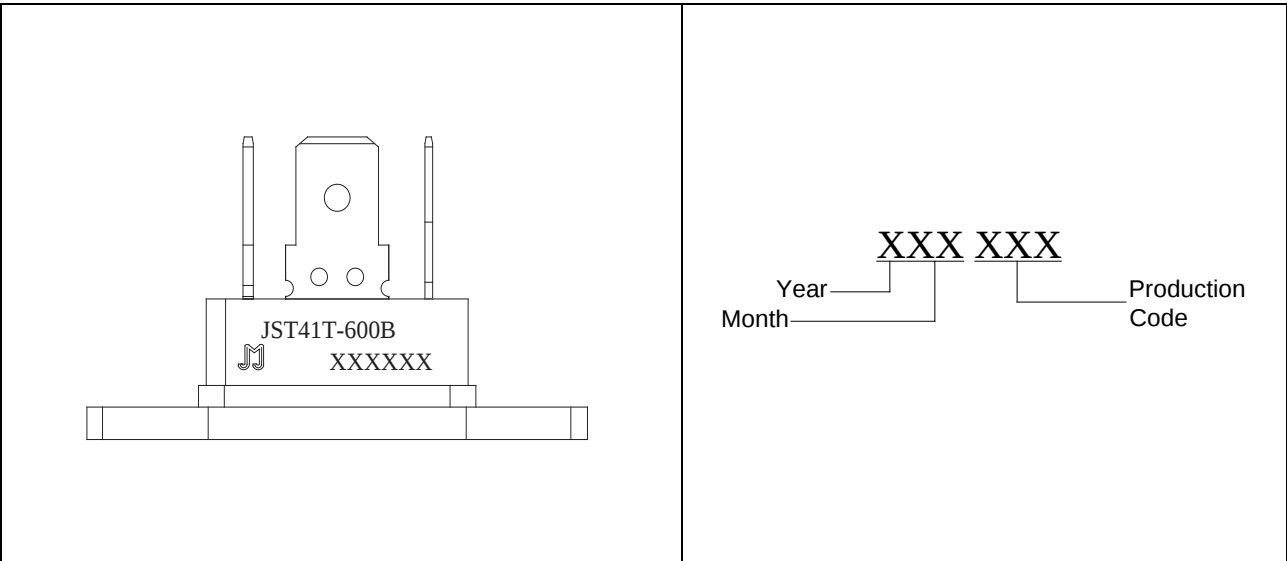


FIG.1: Maximum power dissipation versus RMS on-state current

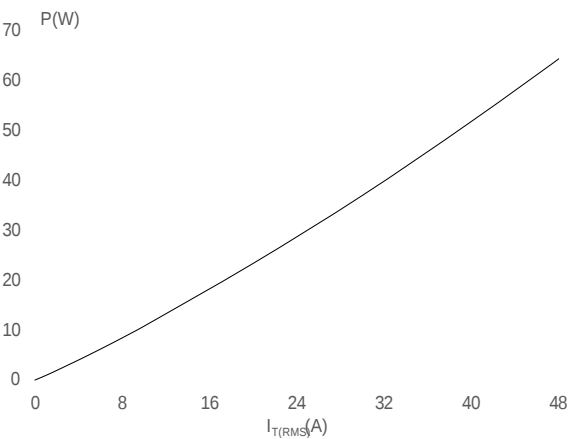


FIG.3: Surge peak on-state current versus number of cycles

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

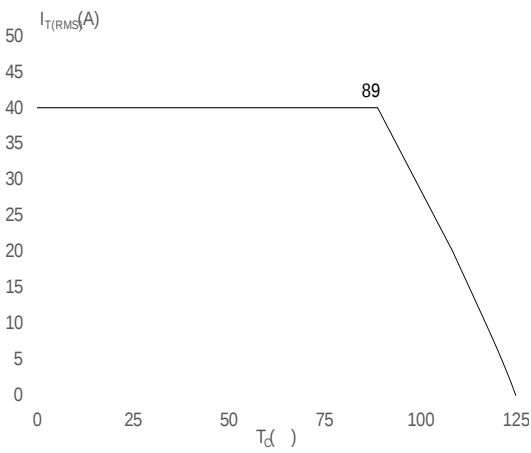
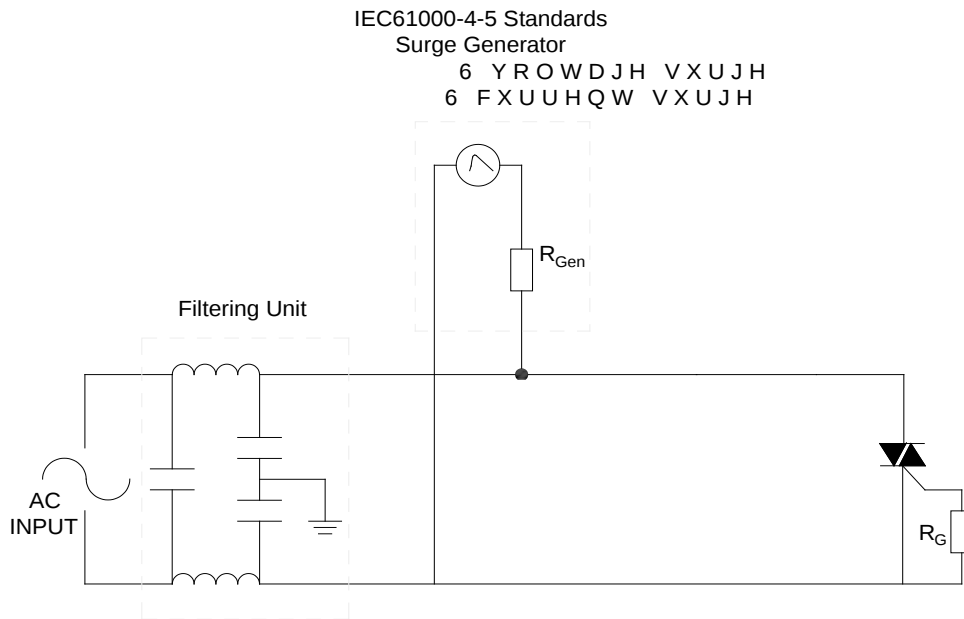


FIG.4: On-state characteristics

FIG.7 Test 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
		- -				
JST41T-600B	600	50	70	TG-C(Ins)	10	Tube

Document Revision History

Date	Revision	Changes
Apr.14, 2023	A.1.0	Last updated

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