

JIEJIE MICROELECTRONICS CO., LTD.

T0850H-6K 8A TRIAC

Rev.A.1.2

DESCRIPTION:

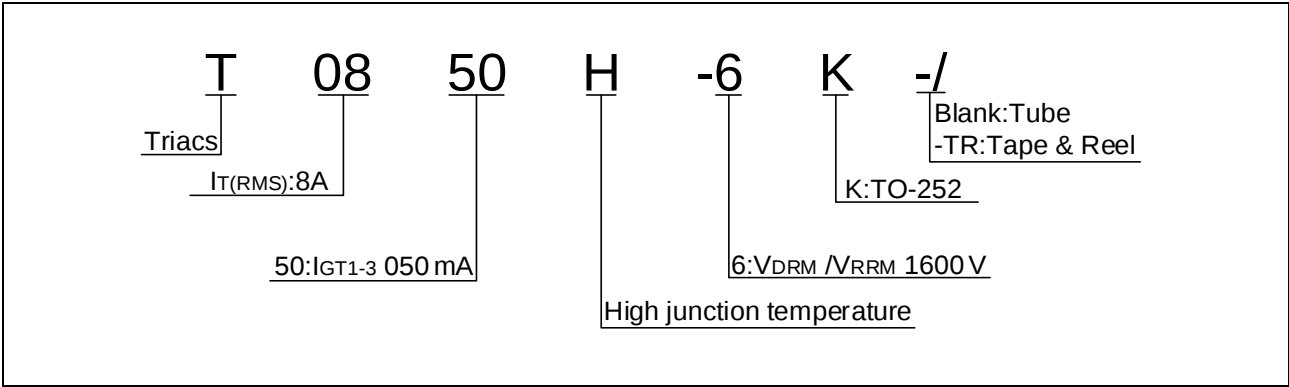
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Peak pulse voltage ($T_j=25^{\circ}\text{C}$; non-repetitive, off-state; FIG.8)	V_{pp}	3.5	kV
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ELECTRICAL CHARACTERISTICS (unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D=12\text{V}$ $R_L=33\Omega$ $V_D=V_{DRM}$ $T_j=150^{\circ}\text{C}$	- -	MAX.	50	mA
V_{GT} V_{GD}		- -	MAX1	V	

ORDERING INFORMATION



MARKING

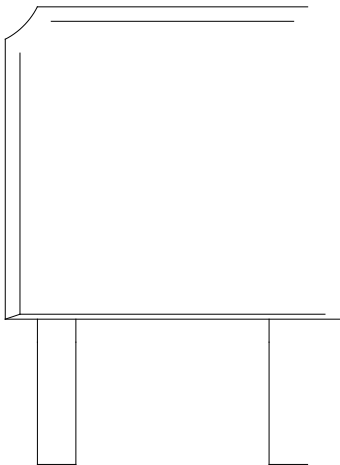


FIG.1: Maximum power dissipation versus RMS on-state current

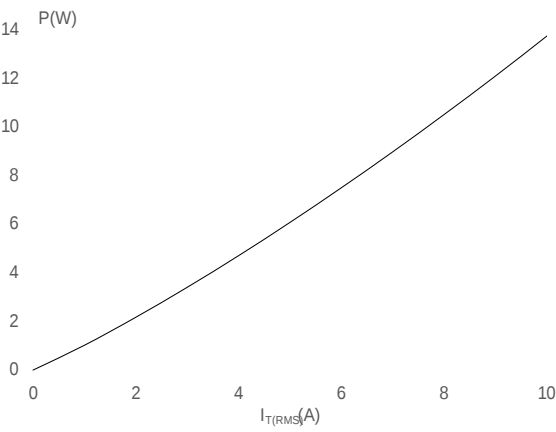
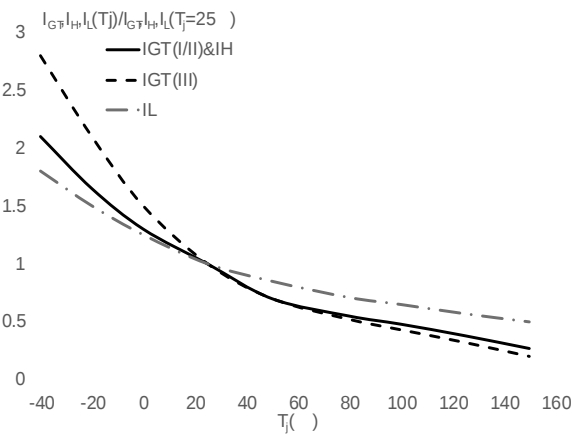


FIG.2: RMS on-state current versus case temperature

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



ORDERING INFORMATION

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
		- -			
T0850H-6K	600	50	TO-252	80	Tube
T0850H-6K-TR				2,500	Tape & Reel

Document Revision History

Date	Revision	Changes
Apr.11, 2023	A.1.0	Last updated
Oct.23, 2023	A.1.1	Change $R_{\text{th(j-c)}}$ & $R_{\text{th(j-a)}}$
Oct.21, 2025	A.1.2	Revise PACKAGE MECHANICAL DATA

DELIVERY MODE

