T0850H-6K 8A TRIAC

Rev.A.1.2

DESCRIPTION:

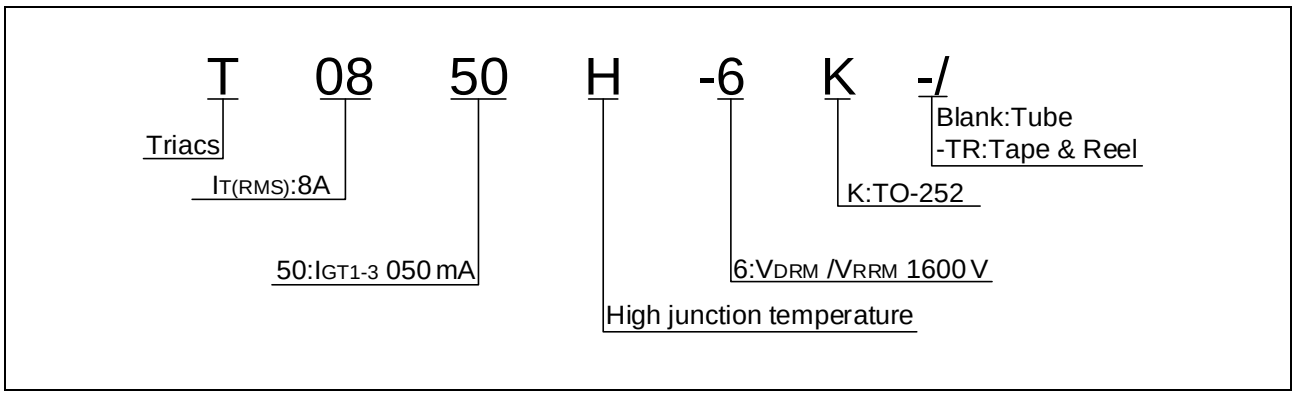
The T tTm0.9.9[p34[(1e(f)8.7613 1.4[(T507.4 (N)-1.1 (:)]°C 1.507 02Td (T3.322 ((d8f 0 Tc . 1.507 0

Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.8)	V_{pp}	3.5	kV

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33	- -	MAX.	50	mA
V_{GT}		- -	MAX1	V	
V_{GD}	V_D =V_{DRM} T_j =150				

ORDERING INFORMATION



MARKING

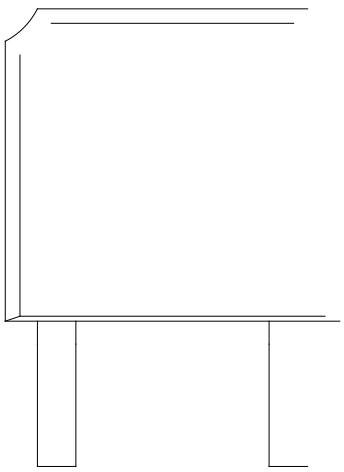


FIG.1: Maximum power dissipation versus RMS on-state current

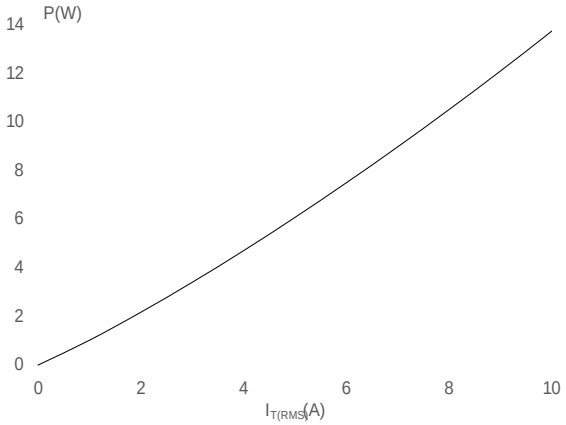
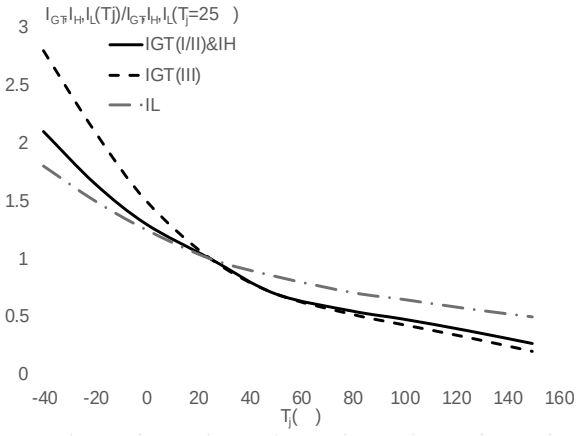


FIG.2: RMS on-state current versus case temperature

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



ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{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 $R_{th(j-c)}$&$R_{th(j-a)}$
Oct.21, 2025	A.1.2	Revise PACKAGE MECHANICAL DATA

DELIVERY MODE

