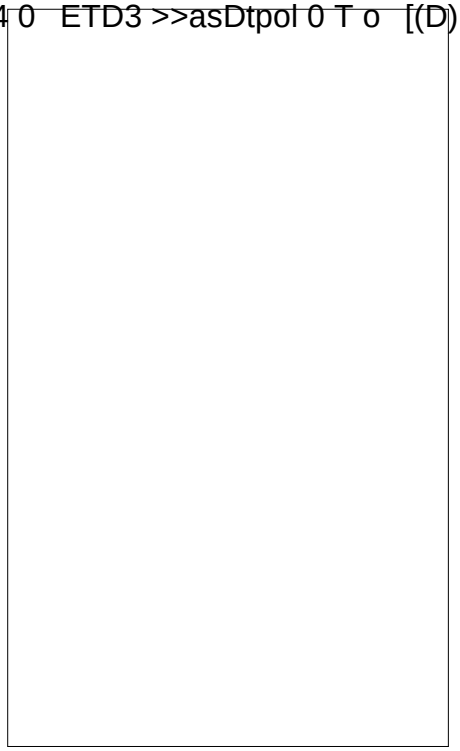
ACJT625-10K 6A TRIAC

Rev.A.1.1

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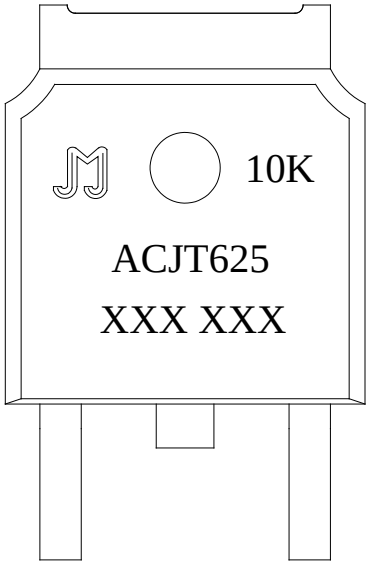
Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.8)	V_{pp}	3.5	kV

(T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33	- -	MAX.	25	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} T_j =125 R_L =3.3k	- -	MIN.	0.2	V
I_L	I_G =1.2I_{GT}	-	MAX.	40 60	mA

AC J T 6 25 -10 K -/

- AC: AC switch
- J: JieJie Microelectronics Co., Ltd.
- T: Triacs
- 6: $I_{T(RMS)}$:6A
- 25: I_{GT1-3} 25mA
- -10: V_{DRM} /V_{RRM} 1000V
- K: K:TO-252
- -/: Blank:Tube; -TR:Tape & Reel



XXX XXX

Year

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

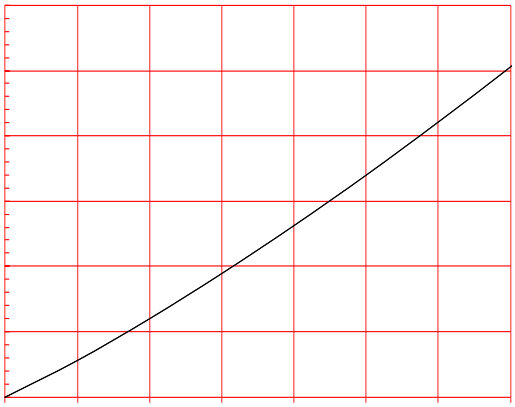
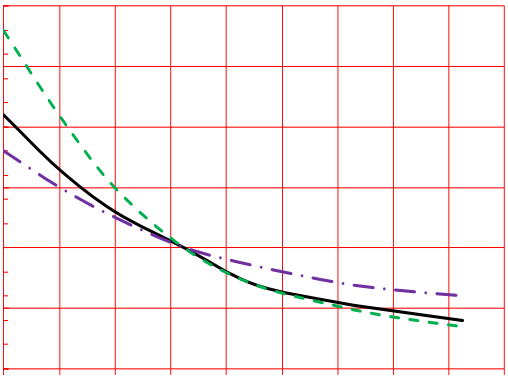


FIG.2: RMS on-state current versus case temperature

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



Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT625-10K	1000	25	TO-252	80	Tube
ACJT625-10K-TR				2,500	Tape & Reel

Document Revision History

Date	Revision	Changes
Apr.14, 2023	A.1.0	Last updated
Oct.22, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

