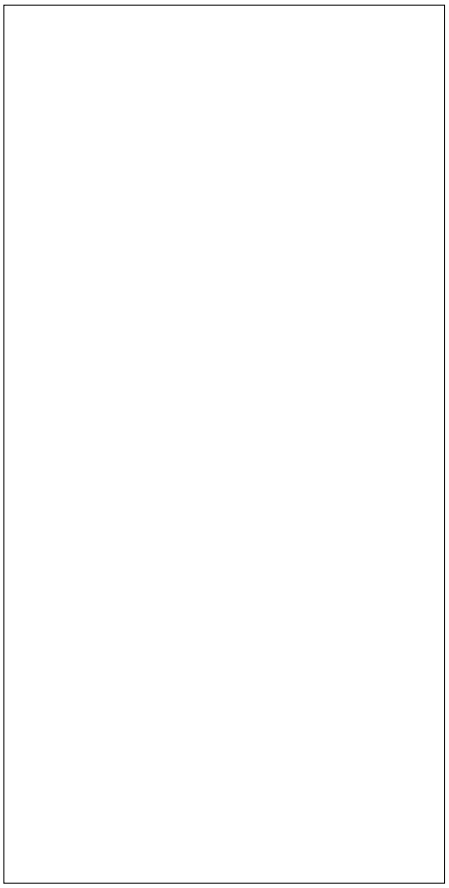
ACJT08F-1000CW 8A TRIAC

Rev.A.1.1

The ACJT08F-1000CW triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. The ACJT08F-1000CW embeds a TVS structure to absorb the inductive turn-off energy such as those described in the IEC 61000-4-5 standards. By using an external plastic package,



Average gate power dissipation (T_j=125)	$P_{G(AV)}$	0.5	W
Peak gate power	P_{GM}	10	W

Peak pulse voltage
(T_j=25 ; non-repetitive,of

AC J T 08 F -1000 CW

- AC: AC switch
- J: JieJie Microelectronics Co., Ltd.
- T: Triacs
- 08: $I_{T(RMS)}$:8A
- F: F:TO-220F(Ins)
- -1000: 1000:V_{DRM} /V_{RRM} ≥ 1000V
- CW: CW: I_{GT1-3} ≤ 35mA

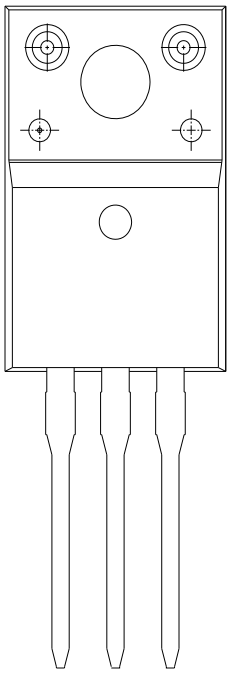


FIG.1: Maximum power dissipation versus RMS on-state current

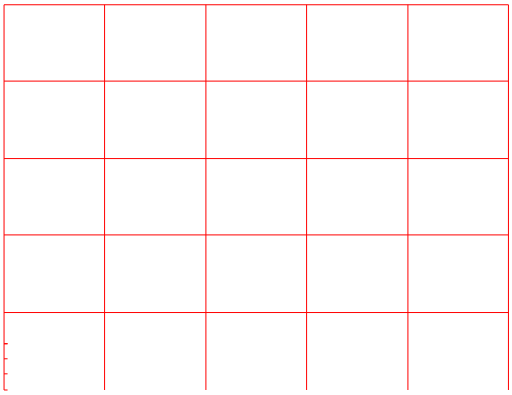


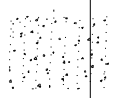
FIG.2: RMS on-state current versus case temperature

ACJT08F-1000CW

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT08F-1000CW	1000	35	TO-220F(Ins)	50	Tube

Document Revision History

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



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