

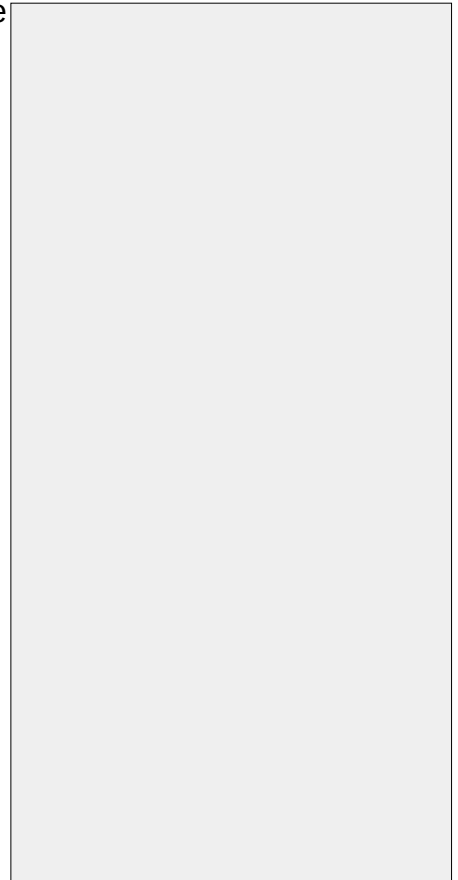


ACJT08F-1000CW 8A TRIAC

Rev.A.1.1

DESCRIPTION:

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,



ACJT08F-1000CW



JieJie Microelectronics Co., Ltd.

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

ORDERING INFORMATION

AC	J	T	08	F	-1000	CW
AC switch		Triacs				
JieJie Microelectronics Co., Ltd.		IT(RMS):8A				CW: IGT1-3 ≤ 35mA
		F:TO-220F(Ins)			1000:VDRM /VRRM ≥ 1000V	

MARKING

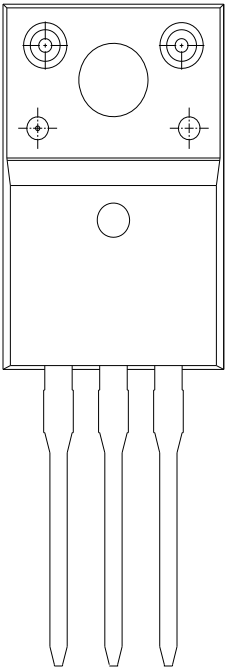




FIG.1: Maximum power dissipation versus RMS on-state current

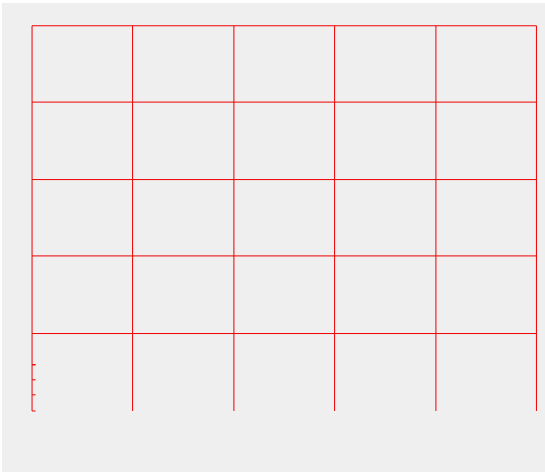


FIG.2: RMS on-state current versus case temperature

ACJT08F-1000CW

**ORDERING INFORMATION**

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (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



PACKAGE MECHANICAL DATA





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