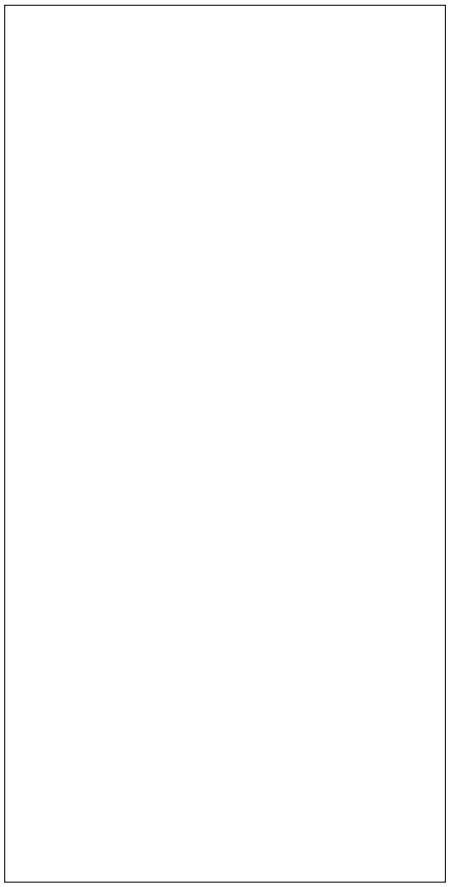
ACJT1210-8A 12A TRIAC

Rev.A.1.1

DESCRIPTION:

The ACJT1210-8A 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 ACJT1210-8A embeds a TVS structure to absorb the inductive turn-off



ORDERING INFORMATION

AC J T 12 10 -8 A

- AC: AC switch
- J: JieJie Microelectronics Co., Ltd.
- T: Triacs
- 12: $I_{T(RMS)}$:12A
- 10: I_{GT1-3} 010 mA
- -8: V_{DRM} /V_{RRM} 1800 V
- A: A:TO-220A(Ins)

MARKING

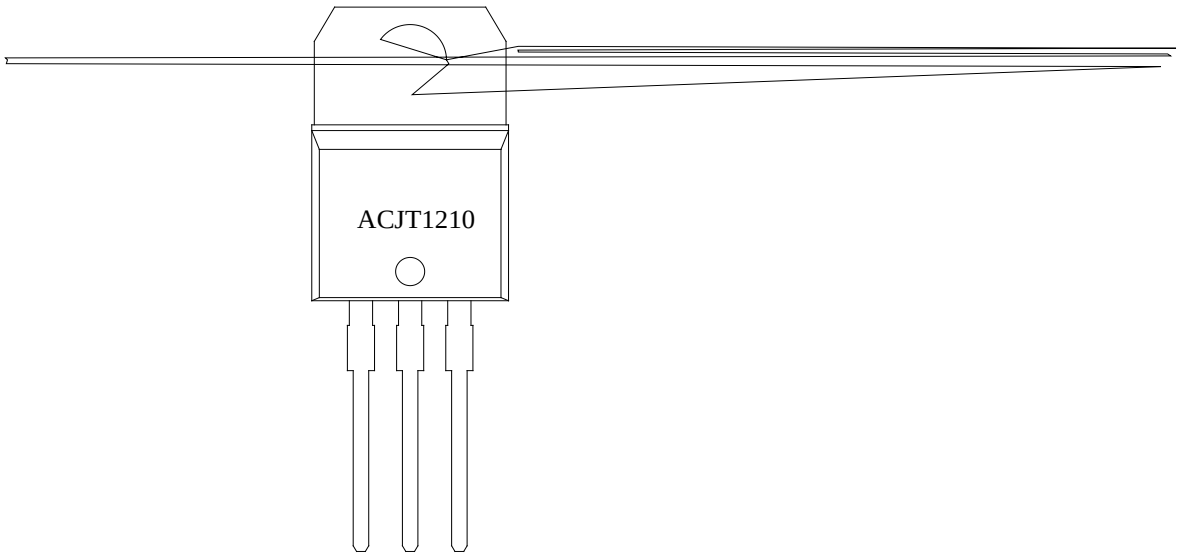
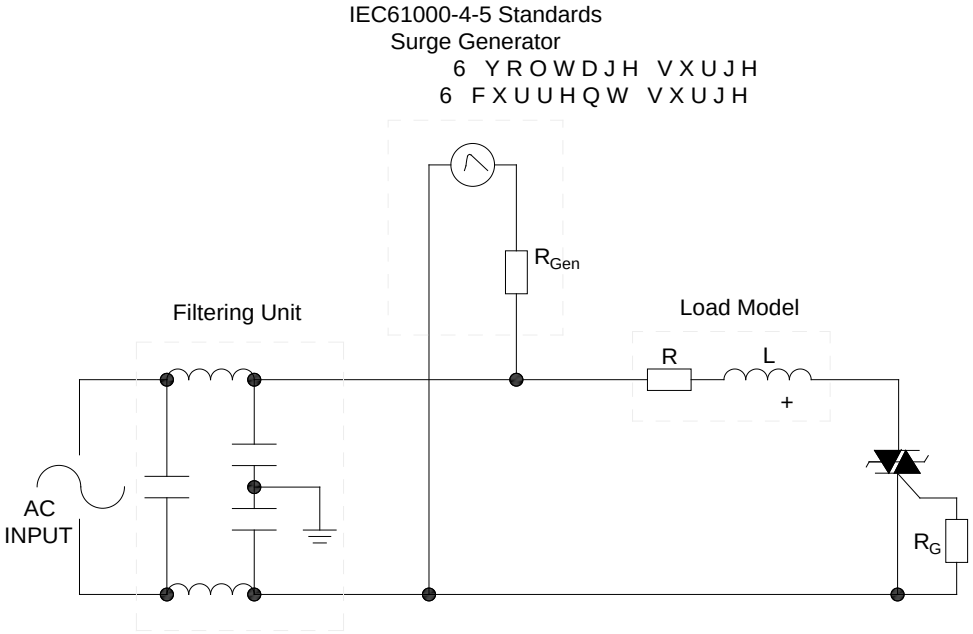


FIG.1: Maximum power dissirt94ation versus Rrt94S on-state current

FIG.2: RS on-state current versus case tem3erature

FIG.7 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards



LEAD FORMING AND SOLDERING

Refer to the application note “Assembly Instructions for Thyristors in Through-hole Package” released by JieJie Microelectronics

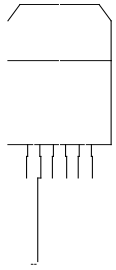
ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT1210-8A	800	10	TO-220A(Ins)	50	Tube

Document Revision History

Date	Revision	Changes
Apr.13, 2023		Last updated
Oct.13, 2025	A.1.1	Revise PACKAGE MECHANICAL DATA

PACKAGE MECHANICAL DATA



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