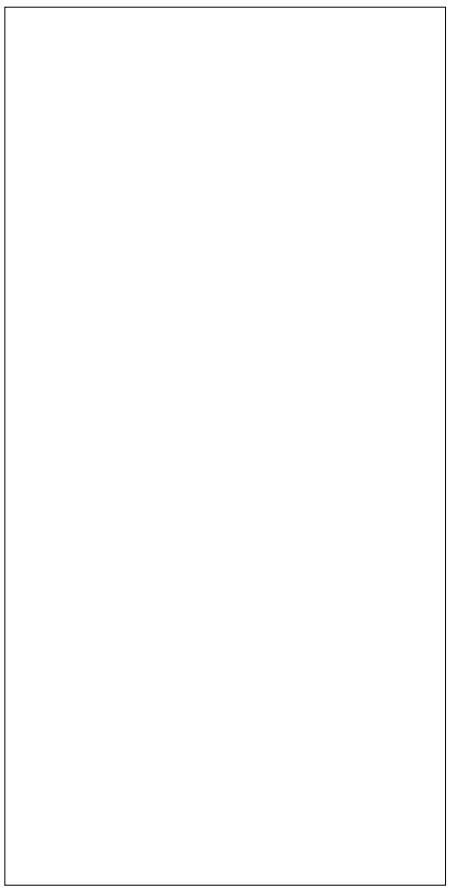
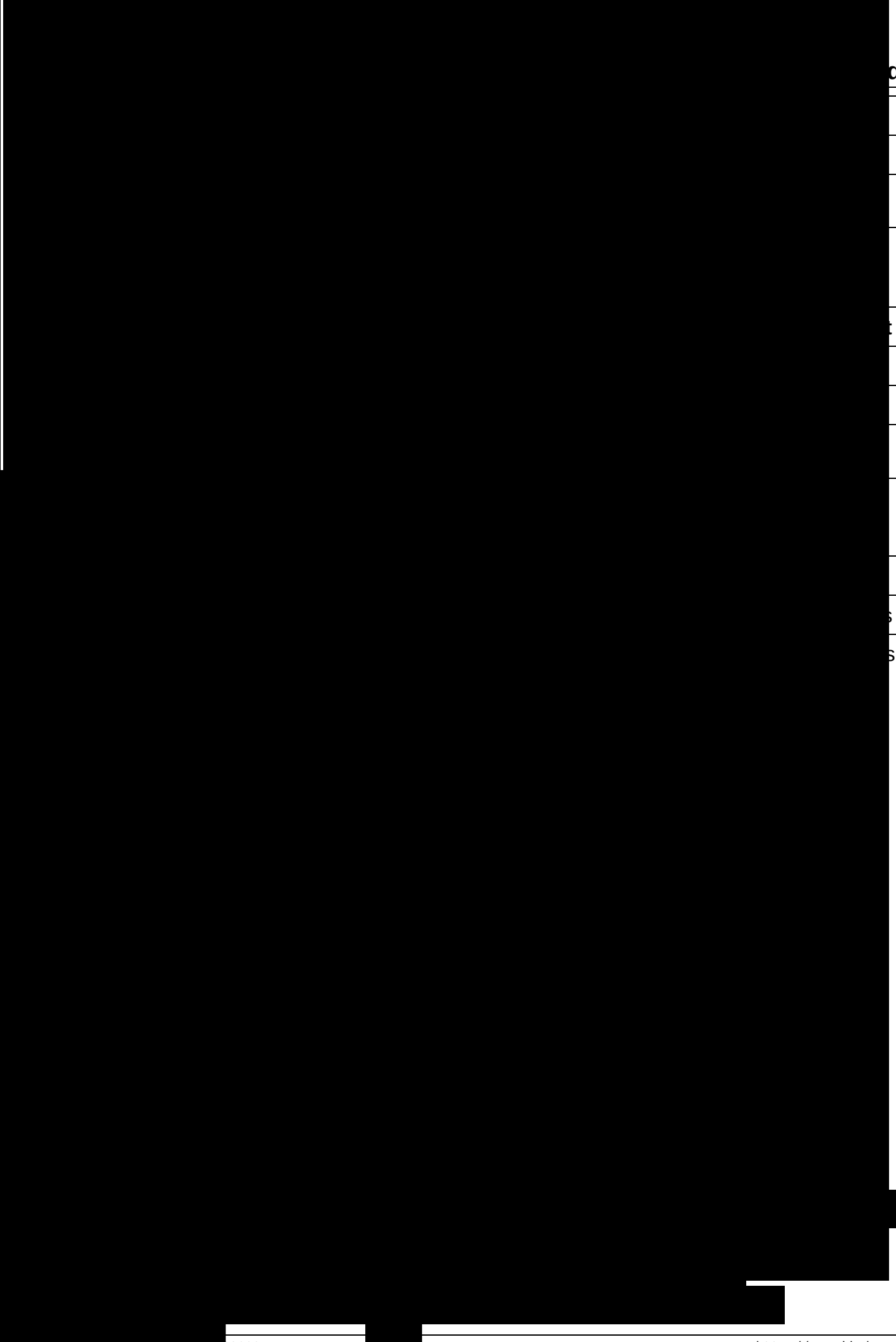
ACJT08F-800SW 8A TRIAC

Rev.A.1.1

The ACJT08F-800SW 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-800SW 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-800SW provides a rated insulation voltage of 2000 VRMS, complying with UL standards (File ref: E252906). Package TO-220F is RoHS compliant.



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AC J T 08 F -800 SW

- AC: AC switch
- J: JieJie Microelectronics Co., Ltd.
- T: Triacs
- 08: $I_{T(RMS)}$:8A
- F: F:TO-220F(Ins)
- -800: 800:V_{DRM} /V_{RRM} ≥ 800V
- SW: SW: I_{GT1-3} ≤ 10mA

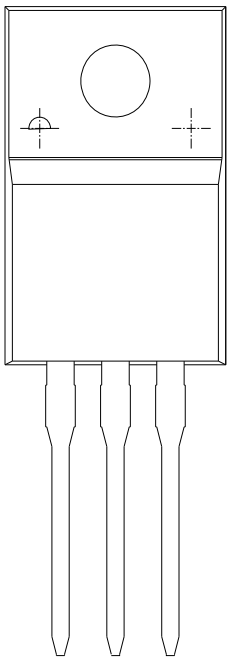


FIG.1: Maximum power dissipation versus RMS on-state current

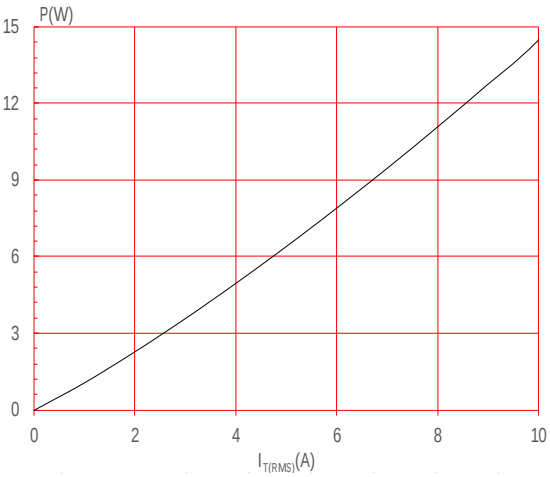


FIG.2: RMS on-state current versus case temperature

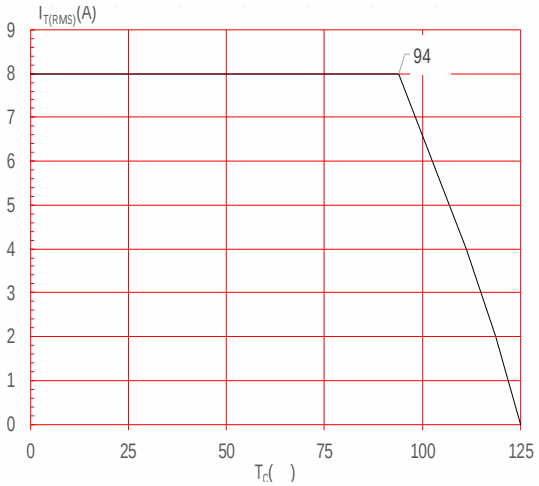
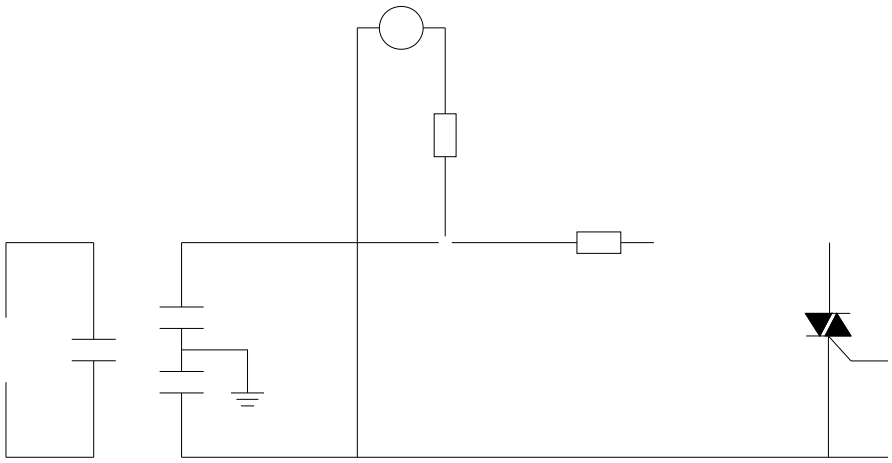
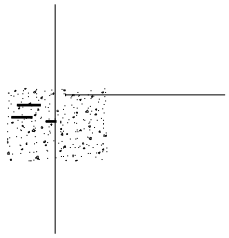


FIG.3: Surge peak on-state current versus number of cycles

FIG.4: On-state characteristics

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





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