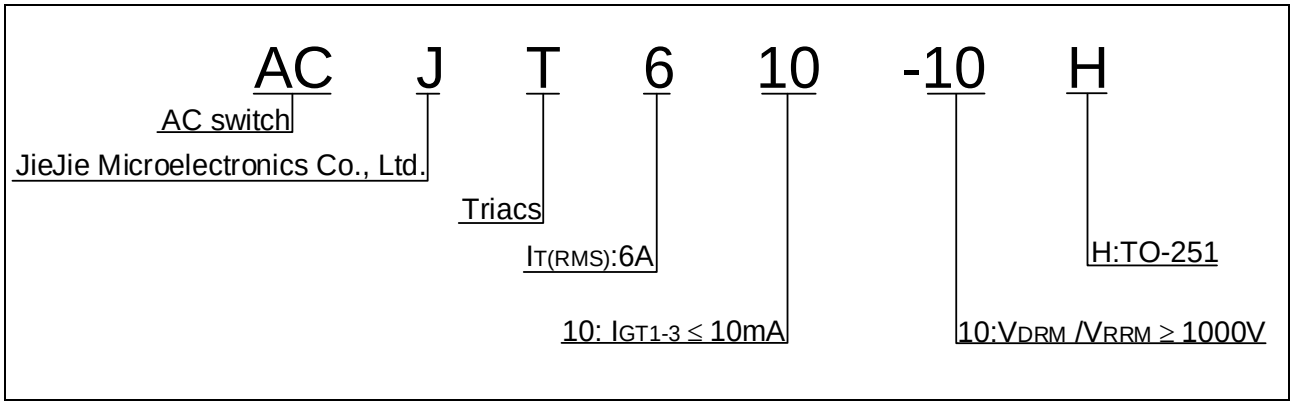
| | | | |
|---|---|---|---|
| Peak pulse voltage ($T_j$=25 ; non-repetitive,off-state;FIG.7) | $V_{pp}$ | 3.5 | kV |

($T_j$=25 unless otherwise specified)

| Symbol | Test Condition | Quadrant | Value | | Unit |
|---|---|---|---|---|---|
| $I_{GT}$ | $V_D$ =12V $R_L$ =33Ω | - - | MAX. | 10 | mA |
| $V_{GT}$ | | - - | MAX. | 1 | V |
| $V_{GD}$ | $V_D$ =$V_{DRM}$ $T_j$ =125 $R_L$ =3.3kΩ | - - | MIN. | 0.2 | V |
| $I_L$ | $I_G$ =1.2$I_{GT}$ | - | MAX. | 20 | mA |
| | | | | 35 | |
| $I_H$ | $I_T$ =100mA | | MAX. | 20 | mA |
| dV/dt | $V_D$=670V Gate Open $T_j$ =125 | | MIN. | 300 | V/μs |
| (dI/dt)c | (dV/dt)c=10V/μs, $T_j$=125 | | MIN. | 3 | A/ms |
| $t_{on}$ | $I_G$=20mA $I_A$=200mA $I_R$=20mA $T_j$=25 | | TYP. | | |


AC J T 6 10 -10 H
AC switch
JieJie Microelectronics Co., Ltd.
Triacs
IT(RMS):6A
10: IGT1-3 ≤ 10mA
10:VDRM /VRRM ≥ 1000V
H:TO-251

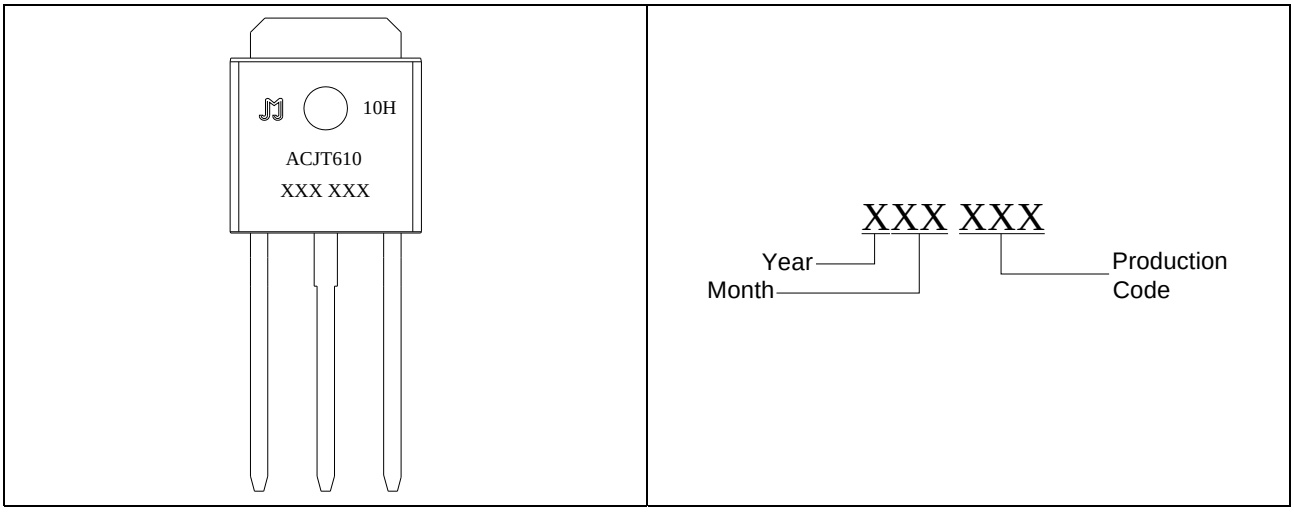

10H
ACJT610
XXX XXX
XXX XXX
Year
Month
Production
Code

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

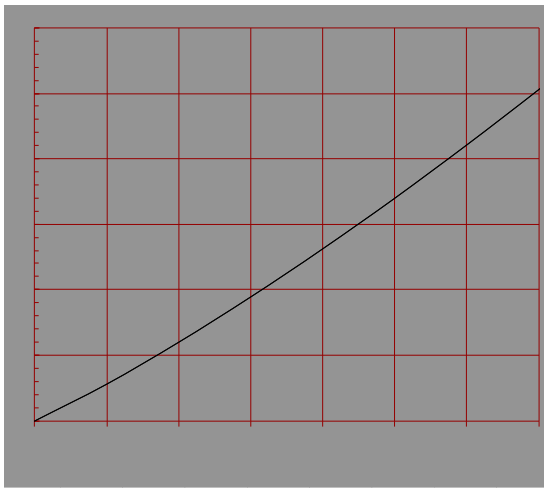


**FIG.2:** RMS on-state current versus case temperature

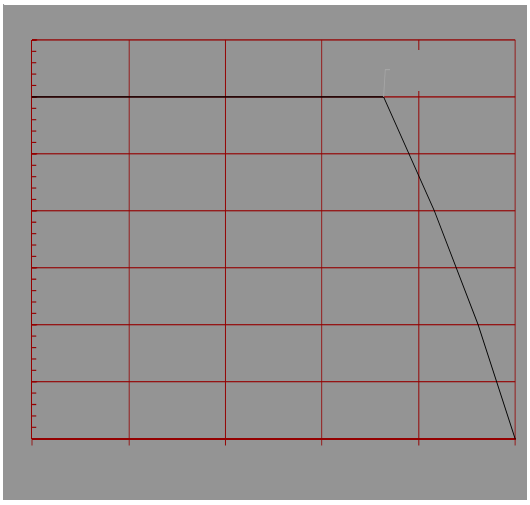


**FIG.3:** Surge peak on-state current versus number of cycles

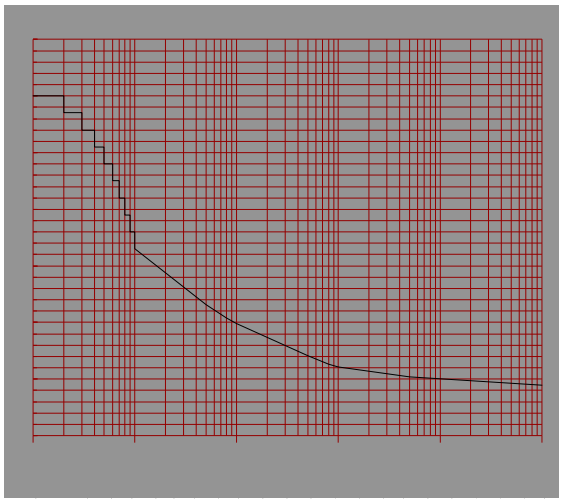
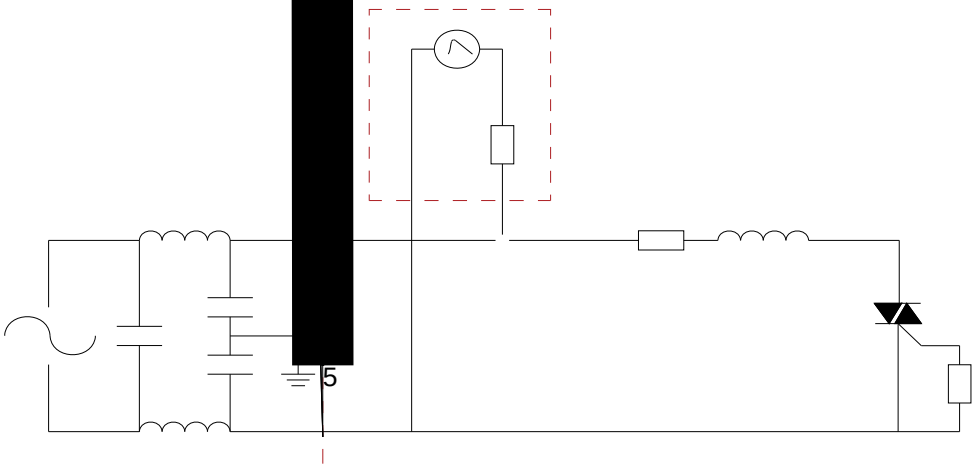
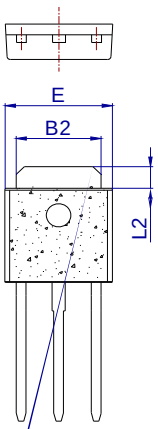


**FIG.4:** On-state characteristics

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



| Order code | Voltage $V_{DRM}/V_{RRM}$ (V) | IGT(mA) | Package | Base qty. (pcs) | Delivery |
|---|---|---|---|---|---|


E
B2
L2

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