| | | | |
|---|---|---|---|
| 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 | $V_D$=540V Gate Open $T_j$ =125 | | MIN. | 500 | V/μs |
| (dI/dt)c | (dV/dt)c=10V/μs, $T_j$=125 | | MIN. | 3 | A/ms |
| $t_{on}$ t | $I_G$=20mA $I_A$=200mA $I_R$=20mA $T_j$=25 | | TYP. | 2.5 | μs |

AC J T 6 10 -8 H

AC: AC switch

J: JieJie Microelectronics Co., Ltd.

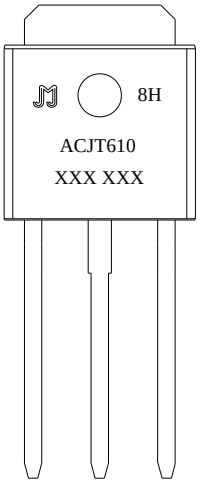
T: Triacs

6: $I_{T(RMS)}$:6A

10: $I_{GT1-3} \leq 10mA$

-8: $V_{DRM}$ /$V_{RRM} \geq 800V$

H: TO-251




XXX XXX

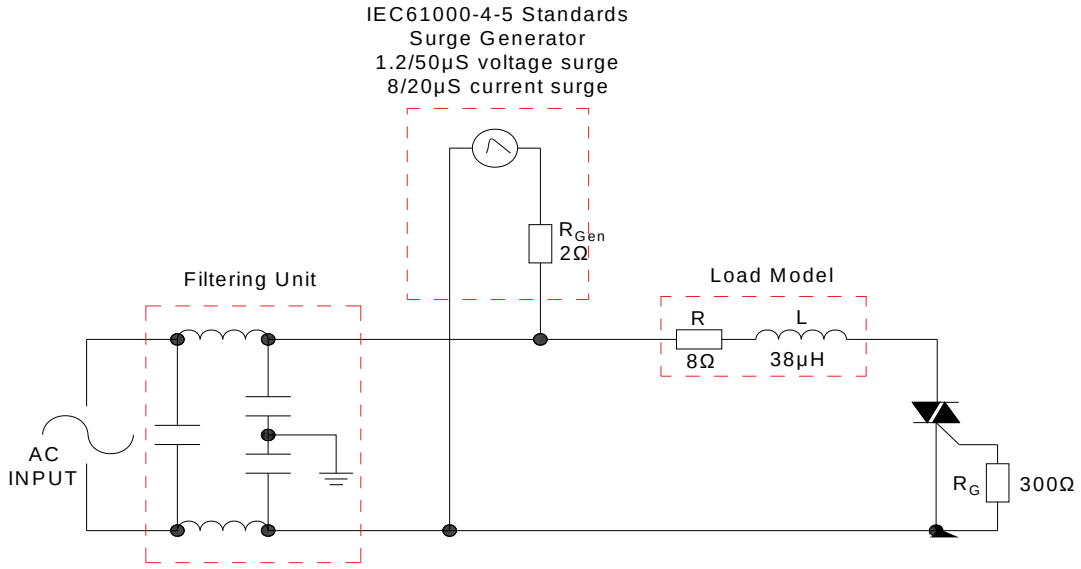
Year

Month

Production Code

**FIG.1:**

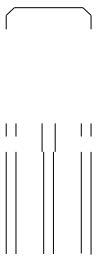
FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



| Order code | Voltage $V_{DRM}/V_{RRM}$ (V) | IGT(mA) | Package | Base qty. (pcs) | Delivery mode |
|---|---|---|---|---|---|
| ACJT610-8H | 800 | 10 | TO-251 | 80 | Tube |

## Document Revision History

| Date | Revision | Changes |
|---|---|---|
| Apr.14, 2023 | A.1.0 | Last updated |
| Oct.20, 2025 | A.1.1 | Revise PACKAGE MECHANICAL DATA |



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