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

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I_{GT}	V_D =12V R_L =33Ω			

ORDERING INFORMATION

AC J T 4 25 -10 C

- AC: AC switch
- J: JieJie Microelectronics Co., Ltd.
- T: Triacs
- 4: $I_{T(RMS)}$:4A
- 25: $I_{GT1-3} \leq 25mA$
- -10: V_{DRM} /$V_{RRM} \geq 1000V$
- C: C:TO-220C

MARKING

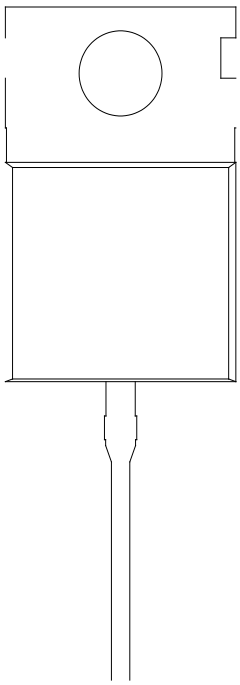


FIG.1: Maximum power dissipation versus RMS on-state current

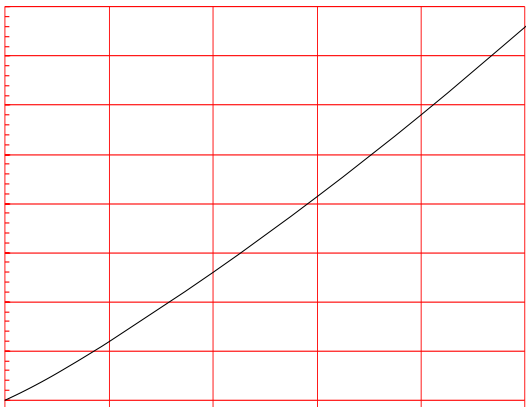


FIG.2: RMS on-state current versus case temperature

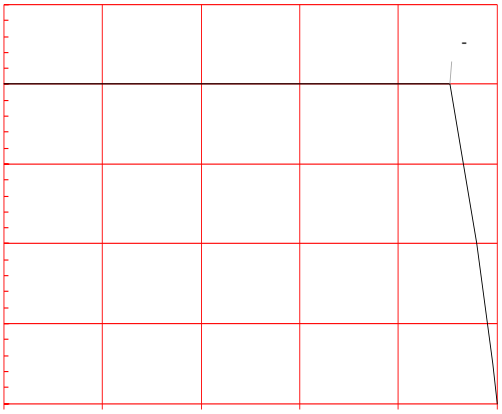


FIG.3: Surge peak on-state current versus number of cycles

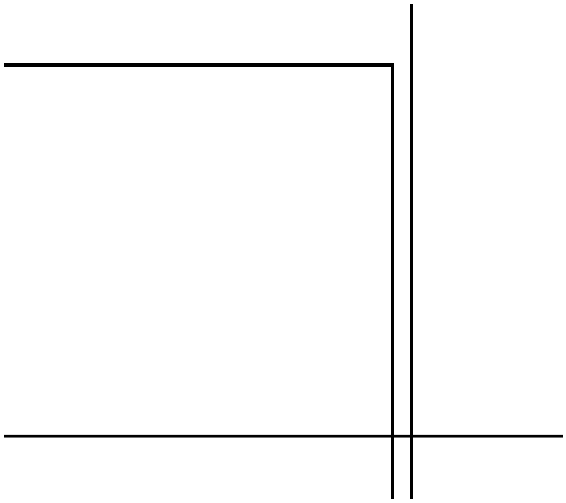
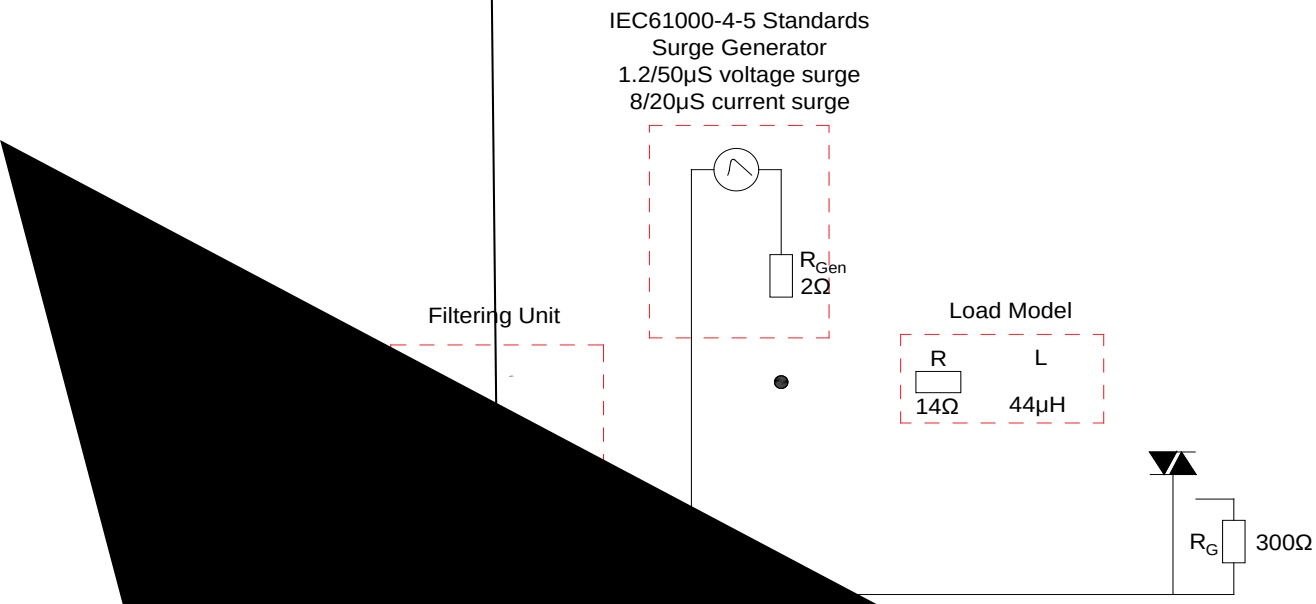


FIG.4: On-state characteristics

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



ORDERING INFORMATION

Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	Base qty. (pcs)	Delivery mode
ACJT425-10C	1000	25	TO-220C	50	Tube

Document Revision History

Date	Revision	Changes
Apr.14		

PACKAGE MECHANICAL DATA



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