

Peak pulse voltage ($T_j=25^\circ\text{C}$; non-repetitive, off-state; FIG.7)	V_{pp}	3.5	kV
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ELECTRICAL CHARACTERISTICS ($T_j=25^\circ\text{C}$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I_{GT}	$V_D=12\text{V}$ $R_L=33\Omega$			

ORDERING INFORMATION

AC	J	T	4	25	-10	C
AC switch		Triacs				C:TO-220C
JieJie Microelectronics Co., Ltd.		IT(RMS):4A				
		25: IGT1-3 ≤ 25mA			10: VDRM /VRRM ≥ 1000V	

MARKING

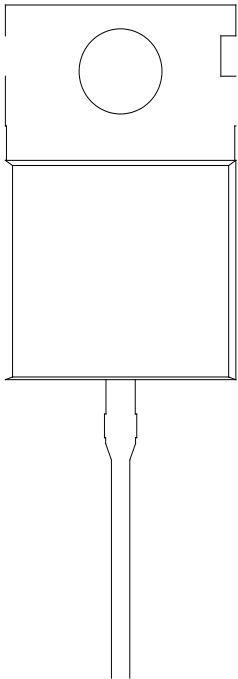


FIG.1: Maximum power dissipation versus RMS on-state current

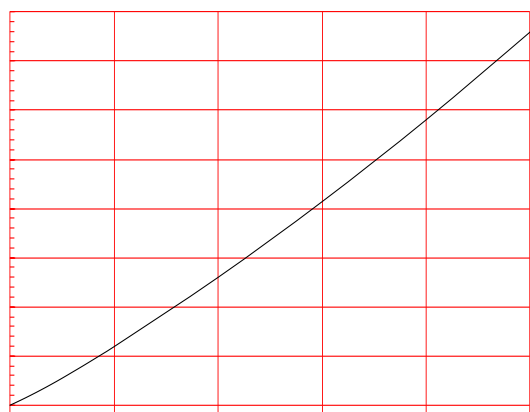


FIG.3: Surge peak on-state current versus number of cycles

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

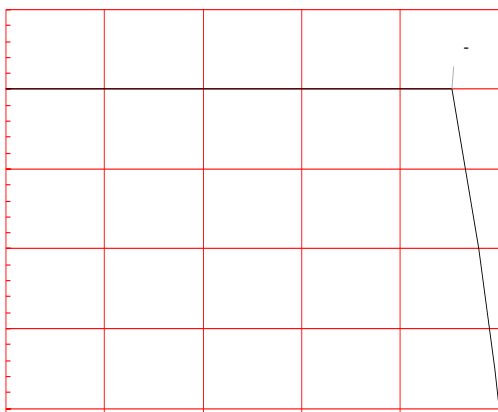
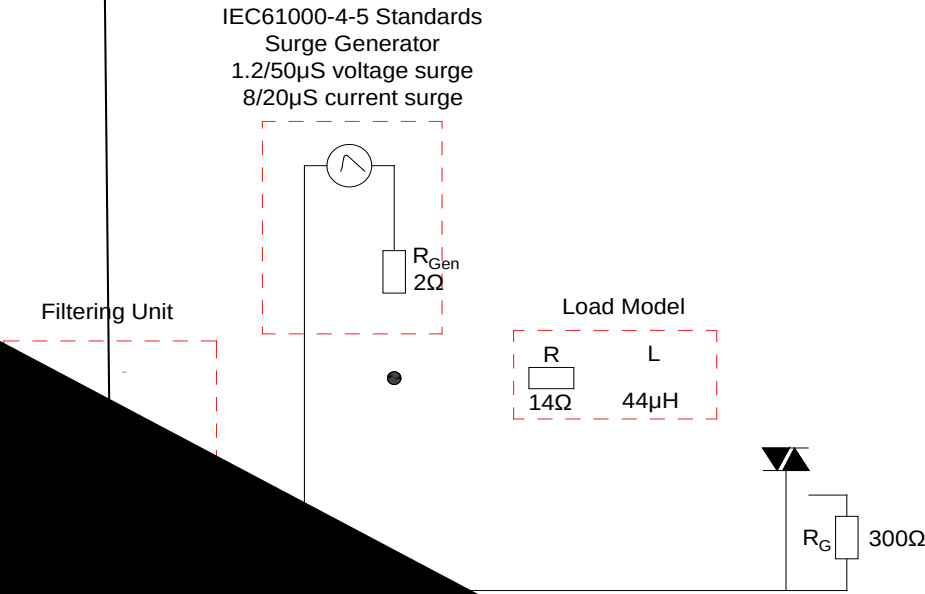


FIG.4: On-state characteristics

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



ORDERING INFORMATION

Order code	Voltage $V_{\text{DRM}}/V_{\text{RRM}}$ (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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