

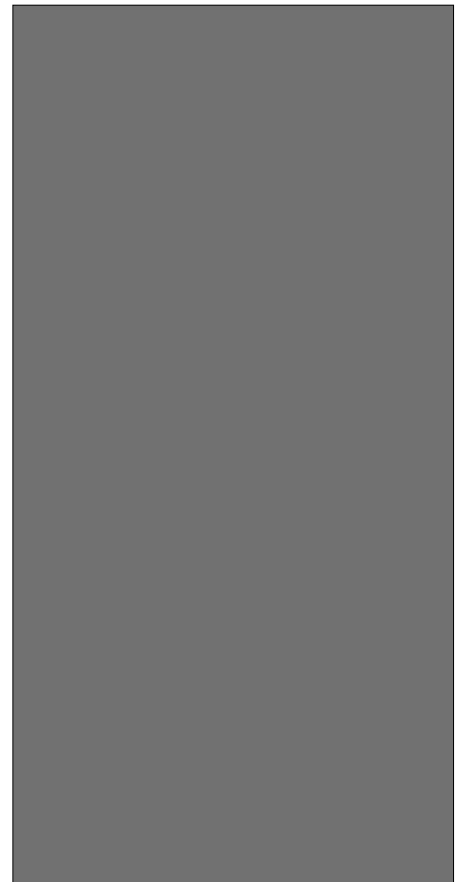


ACJT410-8F 4A TRIAC

Rev.A.1.1

DESCRIPTION:

The ACJT410-8F 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 ACJT410-8F



Average gate power dissipation ($T_j=125$)	$P_{G(AV)}$	0.5	W
Peak gate power	P_{GM}	10	W
Peak pulse voltage ($T_j=25$; non-repetitive, off-state; FIG.7)	V_{pp}	3	kV

ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value	Unit
I_{GT}	$V_D=12V$ $R_L=33$	-	MAX. 10	mA
V_{GT}		-	MAX. 1	V
V_{GD}	$V_D=V_{DRM}$ $T_j=125$ $R_L=3.3k$	-	MIN. 1.2	V

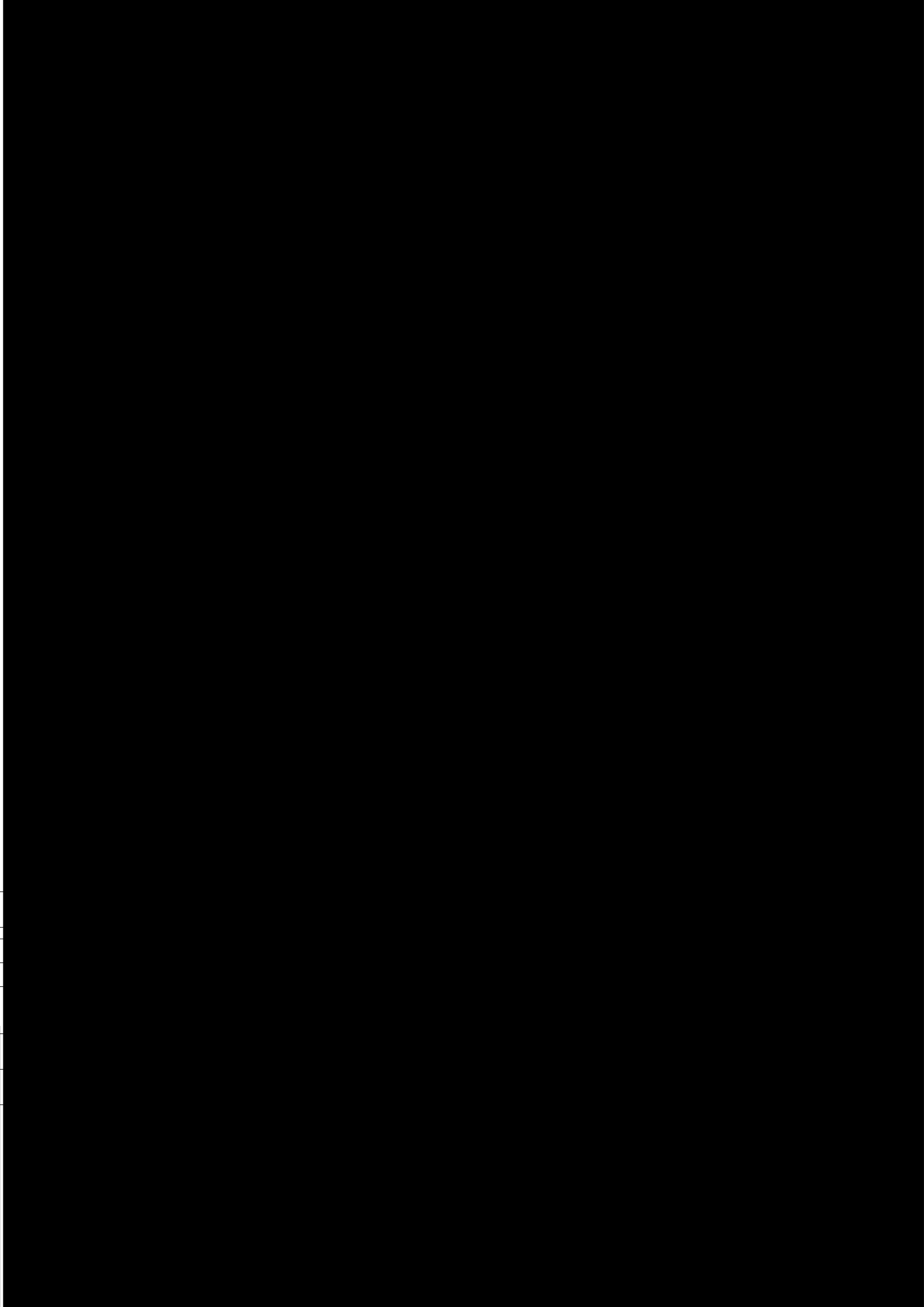
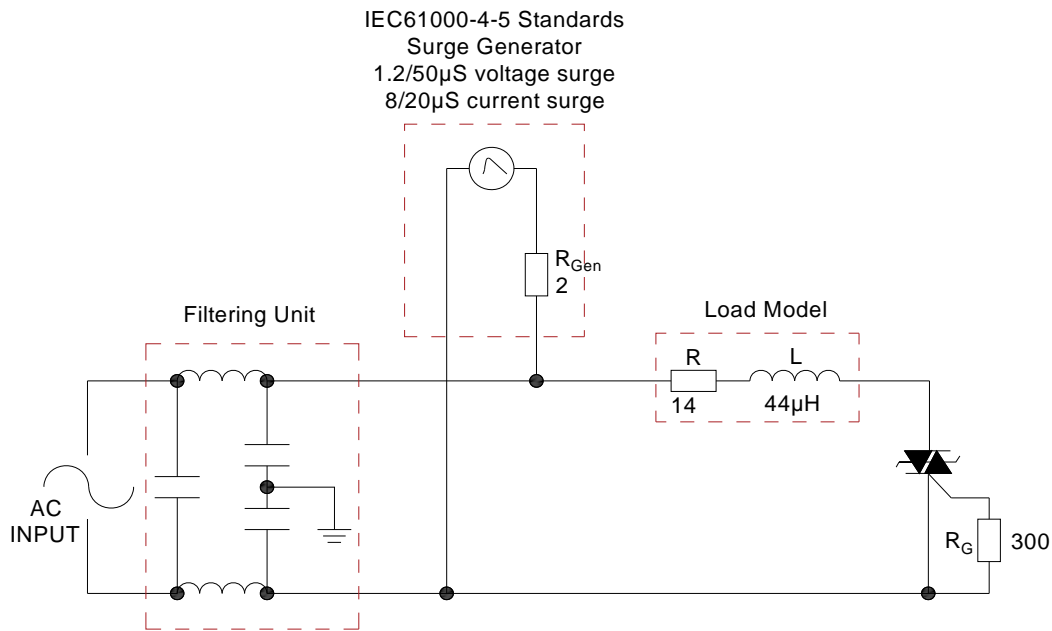


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



LEAD FORMING AND SOLDERING

Refer to the application note "Assembly Instructions for Thyristors in Through-hole Package" released by JieJie



ORDERING INFORMATION


Order code	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	
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PACKAGE MECHANICAL DATA



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