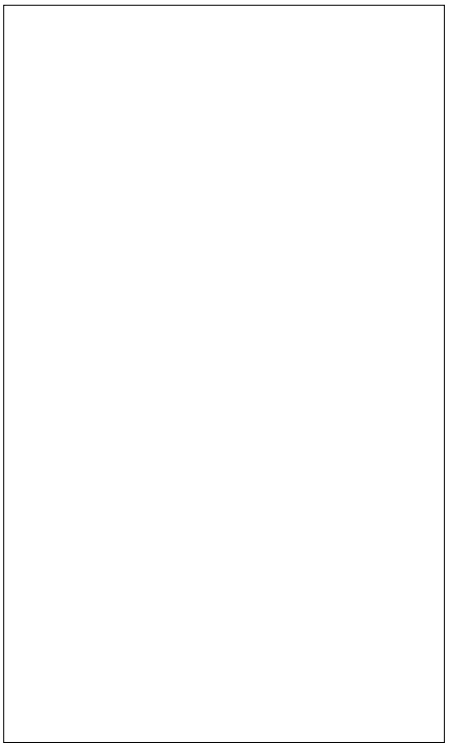
ACJT08K-800SW 8A TRIAC

Rev.A.1.2

DESCRIPTION:

The ACJT08K-800SW is designed for
AC load switching applications for ON/OFF function
applications such as static relays, heating
regulation, induction motor starting circuits...
or for phase control operation in light dimmers,
motor speed controllers, and similar power
circuits where high switching performance. The ACJT08K-800SW
uses a high performance glass passivated chip
technology. Hence, the device is suitable for
surge capability according to IEC 61000-4-5
standard. Package TO-252 is suitable for
surface mount applications.



MAIN FEATURES

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage temperature	T_{stg}	-40-150	
Operating junction temperature	T_j	-40-125	
Repetitive peak off-state voltage (T$_j$=25)	V_{DRM}	800	V
Repetitive peak reverse voltage (T$_j$=25)	V_{RRM}	800	V
RMS on-state current (T$_C \leq$ 106)	$I_{T(RMS)}$	8	A
Non repetitive surge peak on-state current (full cycle, t$_p$=20ms, T$_j$=25)			

P[illegible] (Tj=25 ;n -[illegible] -[illegible]FIG. 8)	Vp	2.25	[illegible]

ELECTRICAL CHARACTERISTICS (Tj=25[illegible])

Symbol	Test Condition	Quadrant	Value	Unit
IGT	VD=12V RL=33Ω	- -		

ORDERING INFORMATION

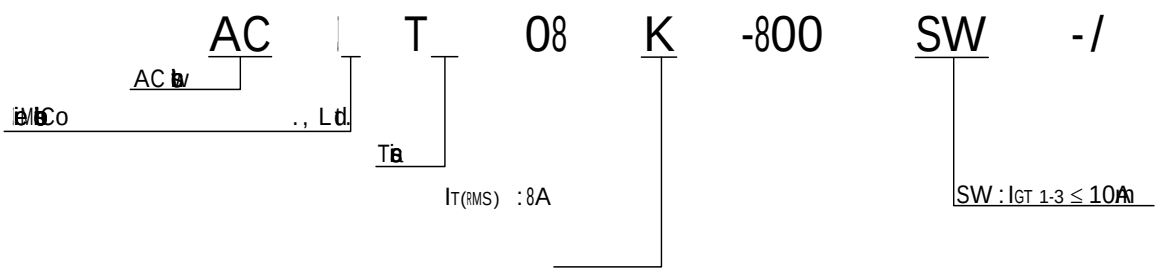


FIG.1: 6 8 6 . 1 6 2 1 T f 0 T c 0 T w 1 0 0 T 5 . 3 6 4

FIG.7: R

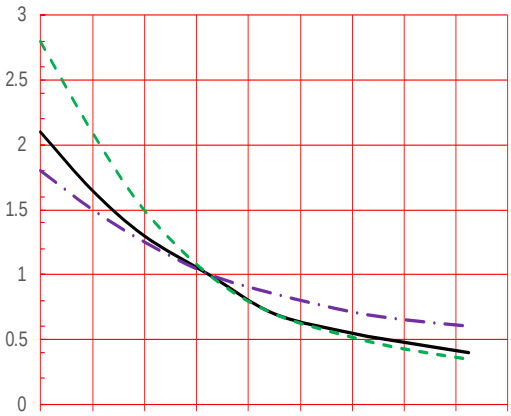
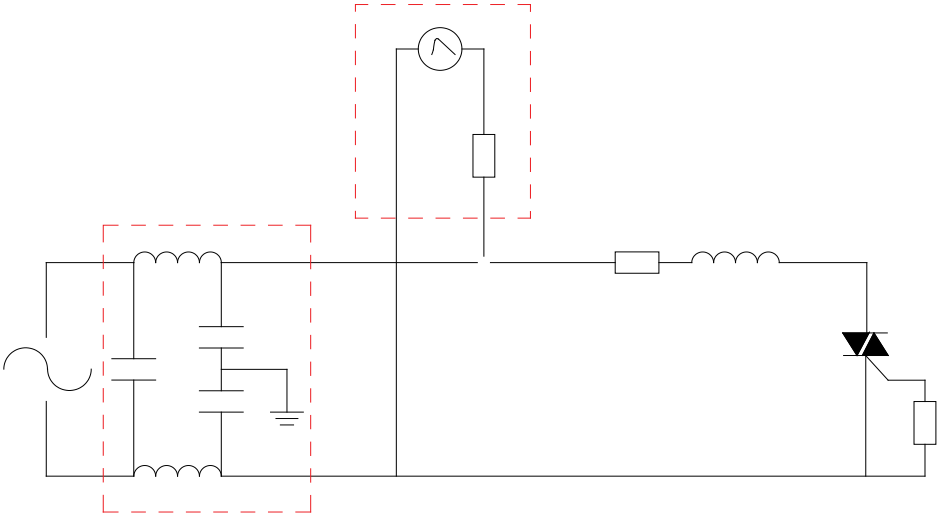


FIG.8 Test circuit for IEC-61000-4-5 standard

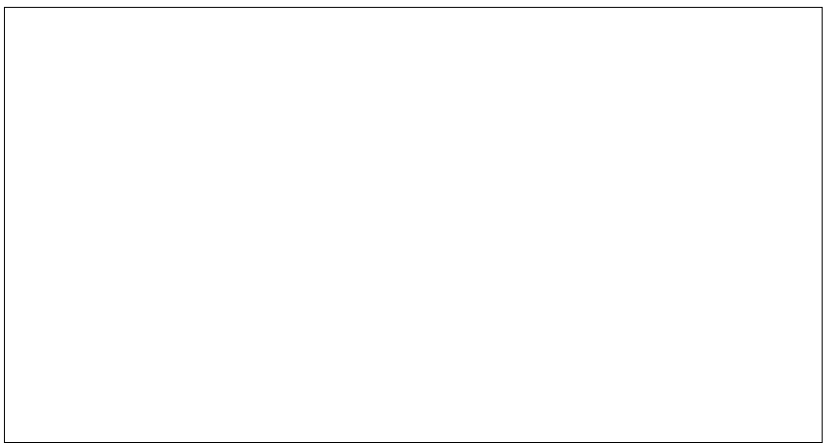


ORDERING INFORMATION

Order code	

PACKAGE MECHANICAL DATA

Ref	Millimeters			Inches		
	Min	Typ	Max	Min	Typ	Max
A						
A2						
B						
C						
D						
E						



DELIVERY MODE

