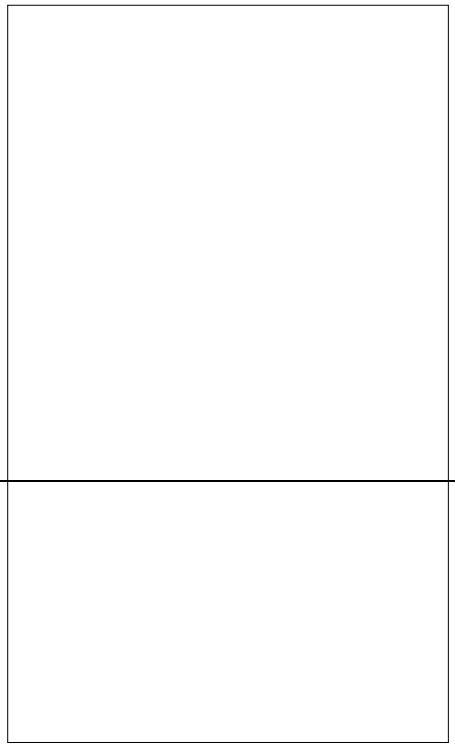
ACJT110-6W 1A TRIAC

Rev.A.1.1

The ACJT110-6W 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 ACJT110-6W embeds a TVS structure to absorb the inductive turn-off energy such as those described in the IEC 61000-4-5 standards. Package SOT-223-2L is RoHS compliant.



Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junctionrn2 (02 346.48 rewfCT 56(ur)(ur)7 (e r)7 (a)10 (ng)1-4 (t)]TJ 0 Tc 0 Tw 10.481 2			

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

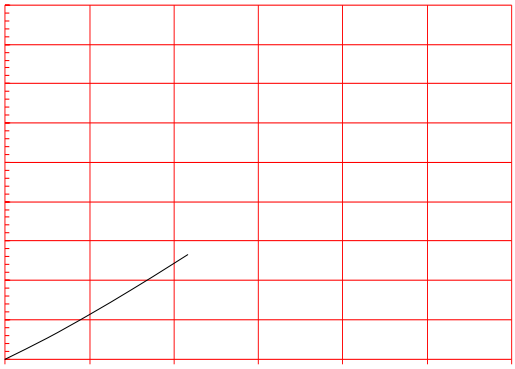


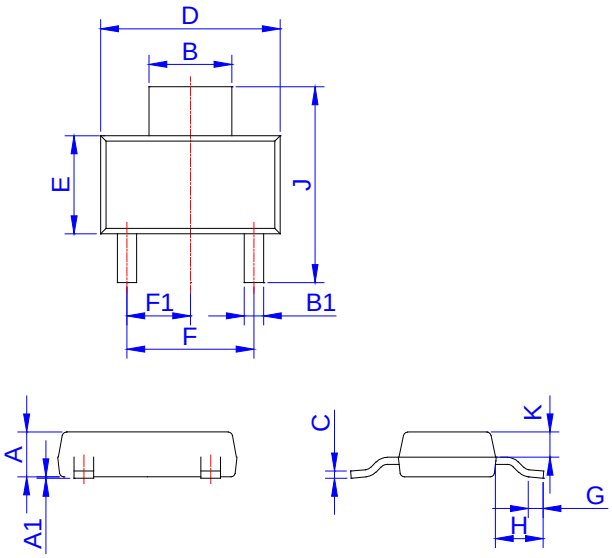
FIG.2: RMS on-state current versus case temperature

FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature

FIG.8 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



	de	Voltage V_{DRM}/V_{RRM} (V)	IGT(mA)	Package	


D
B
E
J
F1
B1
F
A
A1
C
K
G
H

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LPoonicii.12 (,)]TJ 0 Tc 0 5.8w 1.9 0 Td ( )Tj 0.004 Tc -0.002 T270.28 0 TL0 ent6 (