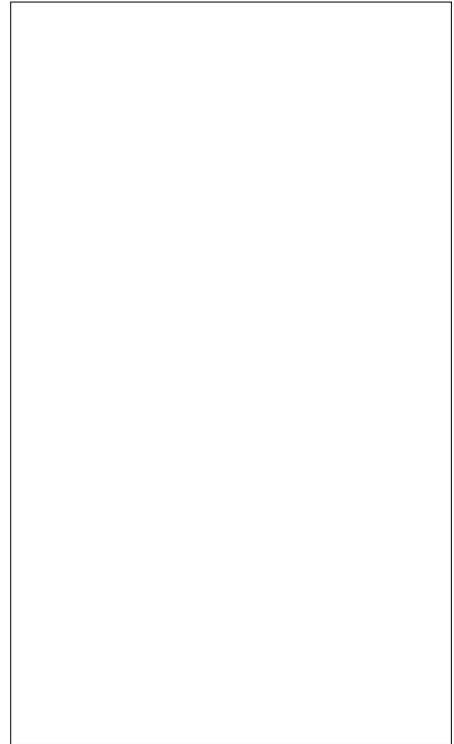




ACJT105-10W 1A TRIAC

Rev.A.1.1

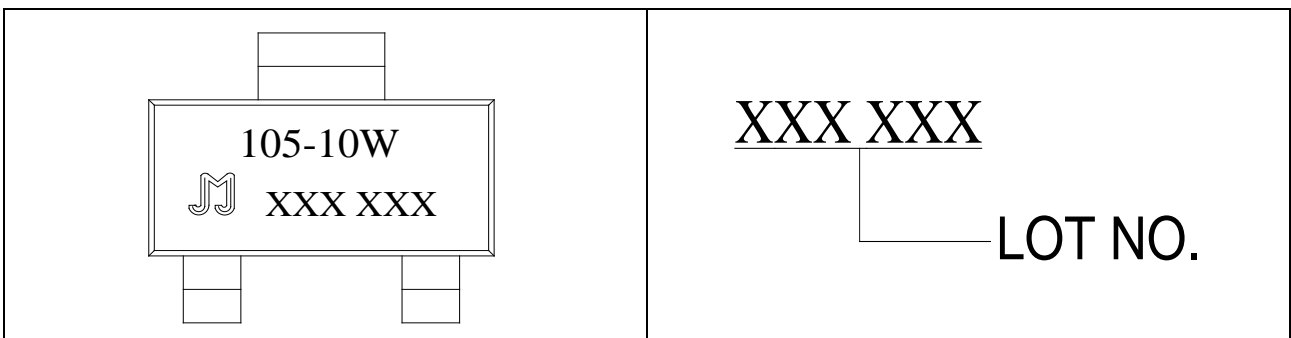
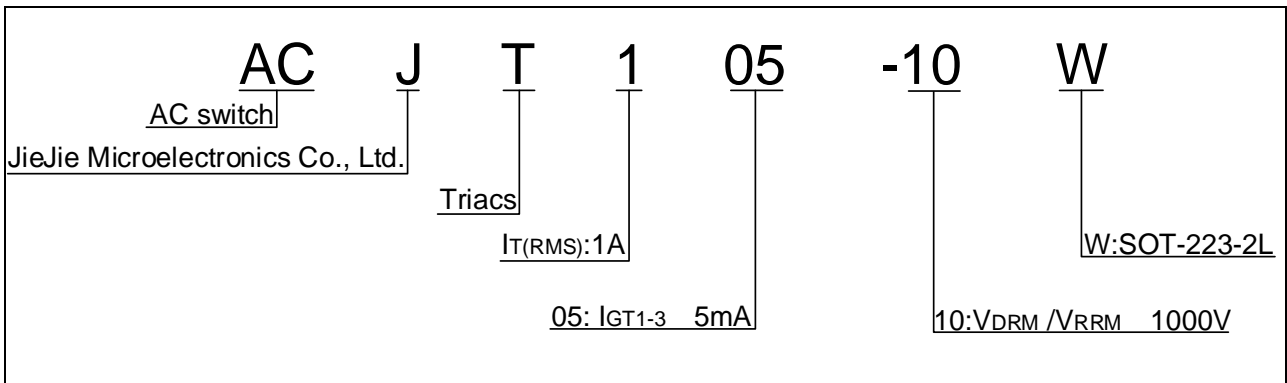
The ACJT105-10W triac is suitable for general purpose AC switching. It can be used as an ON/OFF function in applications such as heating regulation, induction motor starting circuits, for phase control operation in light dimmers, motor speed controllers. The ACJT105-10W embeds a TVS structure to absorb the inductive turn-off energy such as those described in the IEC 61000-4-5 standards. Package SOT-223-2L is RoHS compliant.



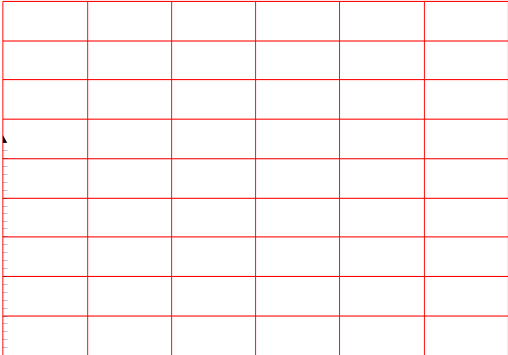
Parameter	Symbol	Value	Unit
Storage junction temperature range	T <sub>stg</sub>	-40-150	
Operating junction temperature range	T <sub>j</sub>	-40-125	

Repetitive peak off-state voltage (T<sub>j</sub>=25 ) V<sub>DRM</sub> =2j EMC /P <</MCID 26 >>9DC 0.004 Tc -0.004

ACJ



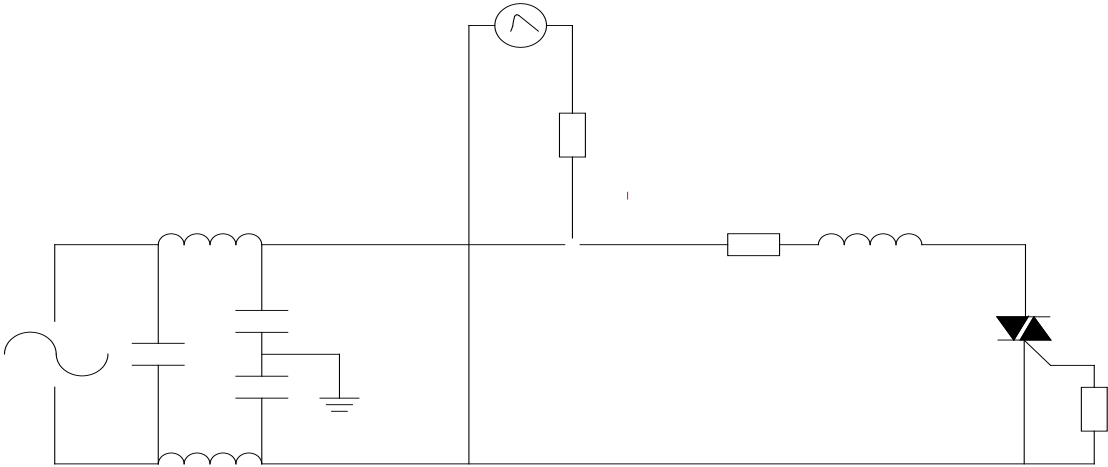
**FIG.1:** Maximum power dissipation versus RMS on-state current



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



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




Order code	Voltage $V_{DRM}/V_{RRM}$
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