JR0205Q 2A SCR **Rev.A.1.0**

DESCRIPTION:

The JR0205Q SCR with the parallel resistor between Gate and Cathode, R_{GK}=10~80kΩ is especially recommended for use on straight hair, igniter, anion generator, etc. Package TO-126 is RoHS compliant.

MAIN FEATURES

Symbol	Value	Unit
$I_{T(RMS)}$	2	A
V_{DRM}/V_{RRM}	600	V
I_{GT}	≤200	μA

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Value	Unit
Storage junction temperature range	T_{stg}	-40-150	
Operating junction temperature range	T_j	-40-125	

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ORDERING INFORMATION

J R 02 05 Q

- J: JieJie Microelectronics Co., Ltd.
- R: Sensitive gate SCRs
- 02: $I_{T(RMS)}$:2A
- 05: $I_{GT} \leq 200\mu A$
- Q: TO-126

MARKING

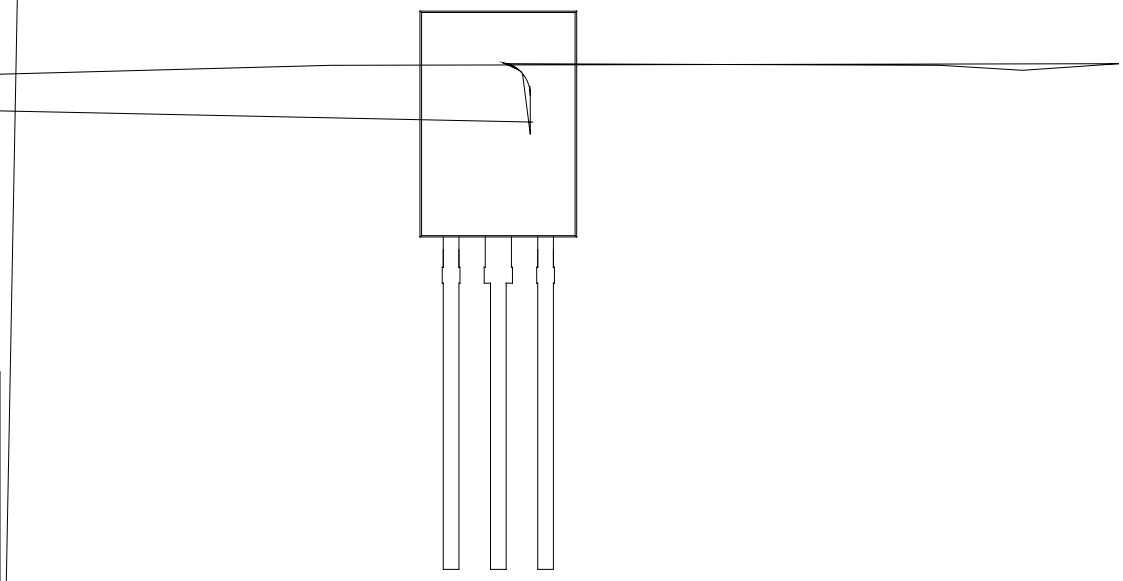


FIG.1: Maximum power dissipation versus RMS on-state current

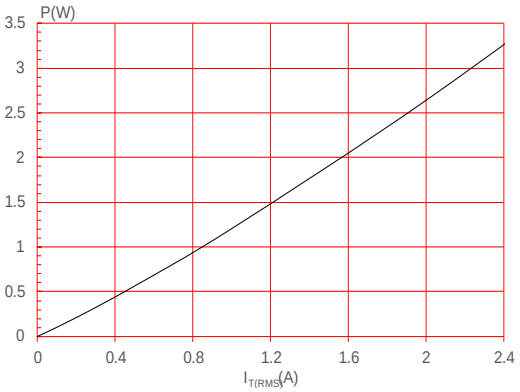
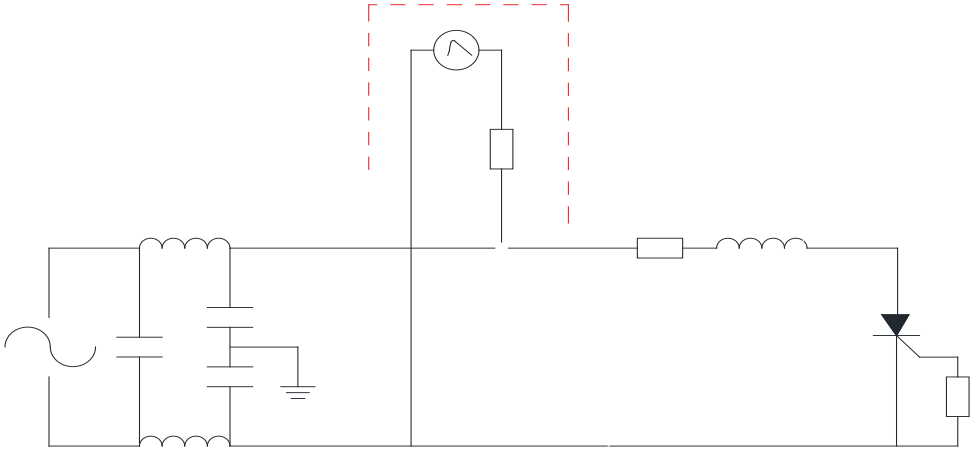


FIG.2: RMS on-state current versus case temperature

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



JR0205Q

Information furnished in this document is believed to be accurate and reliable.
However, Jiangsu JieJie Microelectronics Co., Ltd.