



JR0205Q 2A SCR

Rev.A.1.0

DESCRIPTION:

The JR0205Q SCR with the parallel resistor between Gate and Cathode, $R_{GK}=10\sim80k\Omega$ 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	

jSt(tan2 1202 T34Tf (8.04 355-Tj 0 T

ORDERING INFORMATION

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

MARKING

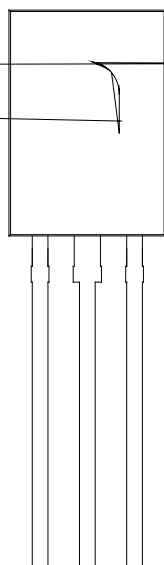


FIG.1: Maximum power dissipation versus RMS on-state current

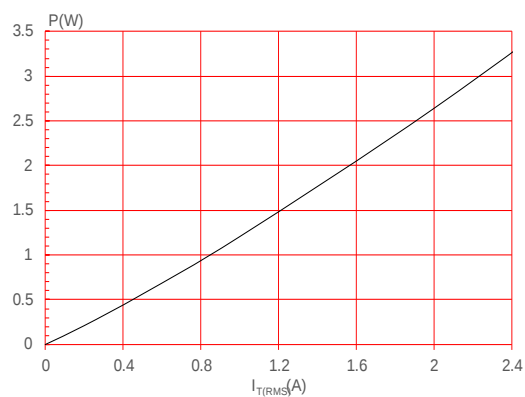


FIG.2: RMS on-state current versus case temperature

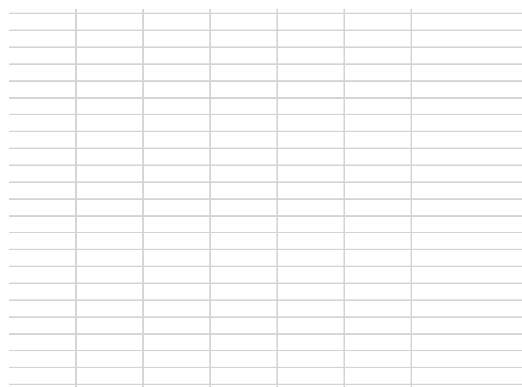
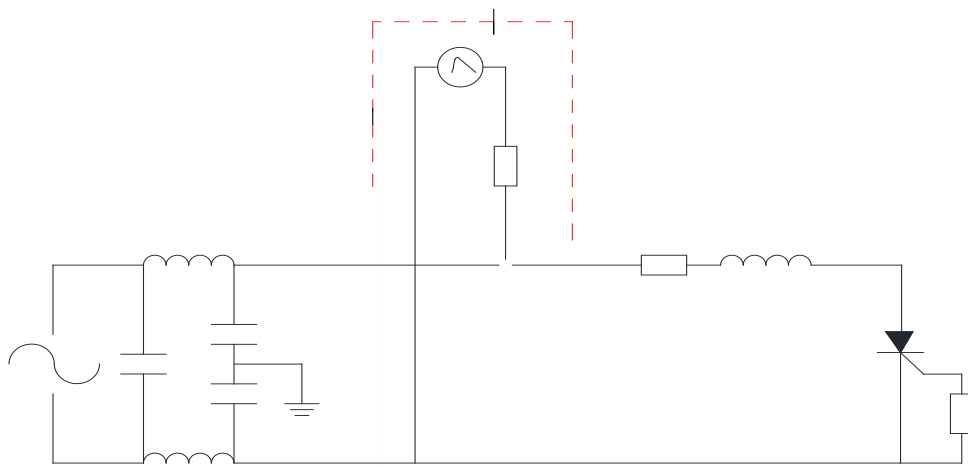


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



JR0205Q

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