



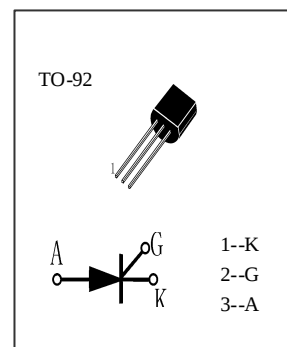
Silicon Controlled Rectifiers

APPLICATIONS

Relay Lamp Small Motor Control.

Absolute Maximum Ratings ($T_a=25$)

T_{stg}	—Storage Temperature	-40~125
T_j	—Operating Junction Temperature	-65~125
V_{DRM}	—Repetitive Peak Off-State Voltage	- 400V
I_T (RMS)	—R.M.S On-State Current (All Condition Angles)	0.8A
I_{TSM}	—Surge On-State Current(1/2 Cycle, 60Hz, Sine Wave, Non-repetitive).....	8A
I_{FGM}	—Forward Peak Gate Current	1A
V_{RGM}	—Reverse Peak Gate Voltage	5V



Electrical Characteristics ($T_a=25$)

Symbol	Items	Min	Typ	Max	Unit	Conditions
V_{DRM}	Repetitive Peak Off-State Voltage	400			V	$I_{RRM}=1mA$,
I_{DRM}	Repetitive Peak Off-State Current			10	μA	$V_{DRM}=400V$
V_{GT}	Gate Trigger Voltage			0.8	V	$V_{AK}=7V$ (DC) , $R_L=100\Omega$
I_{GT}	Gate Trigger Current	5		200	μA	$V_{AK}=7V$ (DC) , $R_L=100\Omega$
V_{TM}	Peak On-State Voltage			1.7	V	$I_{TM}=0.6A$,
I_{RG}	Reverse Peak Gate Current			1	μA	$V_{GR}=5V$