



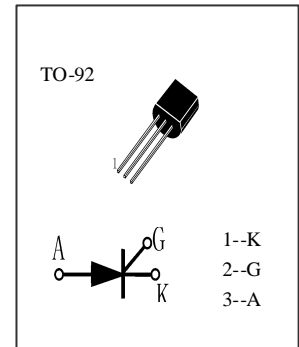
## Silicon Controlled Rectifiers

### 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	$\mu A$	$V_{DRM}=400V$
$V_{GT}$	Gate Trigger Voltage			0.8	V	$V_{AK}=7V$ ( DC ) , $R_L=100$
$I_{GT}$	Gate Trigger Current	5		200	$\mu A$	$V_{AK}=7V$ ( DC ) , $R_L=100$
$V_{TM}$	Peak On-State Voltage			1.7	V	$I_{TM}=0.6A,$
$I_{RG}$	Reverse Peak Gate Current			1	$\mu A$	$V_{GR}=5V$