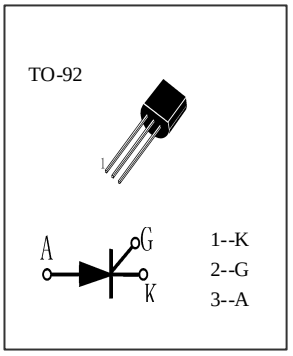
Shantou Huashan Electronic Devices Co.,Ltd.

HCR406

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