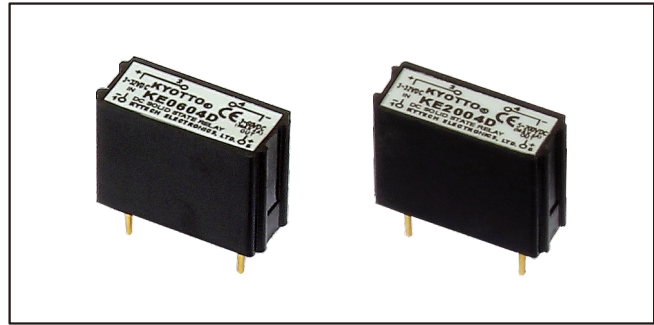


# 固態繼電器 SOLID STATE RELAY

**KE0602D**  
**KE0604D**  
**KE2002D**  
**KE2004D**

**KE SERIES**



## 型號索引說明 Model No. Descriptions:

**KE 06 02 D**

These two letters indicate SSR's series:  
KE : DC to DC TYPE

This letters indicate:  
"A" = AC output,  
"D" = DC output,

負載電壓  
THE OUTPUT VOLTAGE:  
06 = 60VDC  
20 = 200VDC

負載電流  
THE OUTPUT CURRENT:  
02 = 2A , 04 = 4A

## 產品摘錄 PRODUCT SELECTON

### 輸出規格 OUTPUT SPECIFICATIONS

品名	Description	KE0602D	KE0604D	KE2002D	KE2004D
負載電壓範圍	Operating Voltage [VAC]	3-60VDC	3-60VDC	5-200VDC	5-200VDC
破壞電壓	Maximum Transient Overvoltage [Vpk]	80VDC	80VDC	300VDC	300VDC
洩露電流	Maximum Off-State Leakage Current @Rated Voltage [mA]	Less 3mA	Less 3mA	Less 3mA	Less 3mA
最大負載電流 (25°C)	Maximum Load Current (25°C)	2A	4A	2A	4A
最大瞬間承受電流	Maximum Surge Current [Adc] (10ms)	3A	8.5A	3A	8.5A
動作壓降	Maximum On-State Voltage Drop @ Rated Current [VACrms]	1.5	1.5	1.5	1.5
瞬間電壓變化率	Maximum Off-State dv/dt [V/uSEc]	200	200	200	200

### 輸入規格 INPUT SPECIFICATIONS

品名	Description	KE0602D	KE0604D	KE2002D	KE2004D
控制電壓範圍	Control Voltage Range	3-32VDC	3-32VDC	3-32VDC	3-32VDC
最小導通電壓	Minimum Turn-on Voltage	3.0	3.0	3.0	3.0
最大關斷電壓	Maximum Turn-off Voltage	1.0	1.0	1.0	1.0
輸入電流	Typical Input Current	15mA	15mA	15mA	15mA
最大動作時間	Maximum Turn-on Time [mSec]	Less 2m Sec	Less 2m Sec	Less 2m Sec	Less 2m Sec
最大關斷時間	Maximum Turn-off Time [mSec]	Less 1m Sec	Less 1m Sec	Less 1m Sec	Less 1m Sec

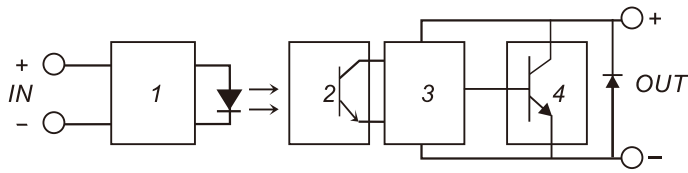
### 一般規格 GENERAL SPECIFICATIONS

品名	Description	KE0602D	KE0604D	KE2002D	KE2004D
輸入/輸出至外殼絕緣電壓	Dielectric Strength , Input-Output Case ( 50/60Hz)	-	-	-	-
輸入/輸出絕緣電壓	Dielectric Strength , Input-Output ( 50/60Hz)	2500	2500	2500	2500
絕緣電阻	Minimum Insulation Resistance	10 <sup>9</sup> ohm	10 <sup>9</sup> ohm	10 <sup>9</sup> ohm	10 <sup>9</sup> ohm
輸入-輸出容抗	Maximum Capacitance , Input-Output	Less 15pf	Less 15pf	Less 15pf	Less 15pf
工作溫度範圍	Ambient Operating Temperature Range	-20°C~+80°C	-20°C~+80°C	-20°C~+80°C	-20°C~+80°C
儲存溫度範圍	Ambient Storage Temperature Range	-40°C~+100°C	-40°C~+100°C	-40°C~+100°C	-40°C~+100°C
觸發方式	Switching Type	Zero Cross	Zero Cross	Zero Cross	Zero Cross
重量	Weight (g)	15g	15g	15g	15g

### GENERAL NOTES

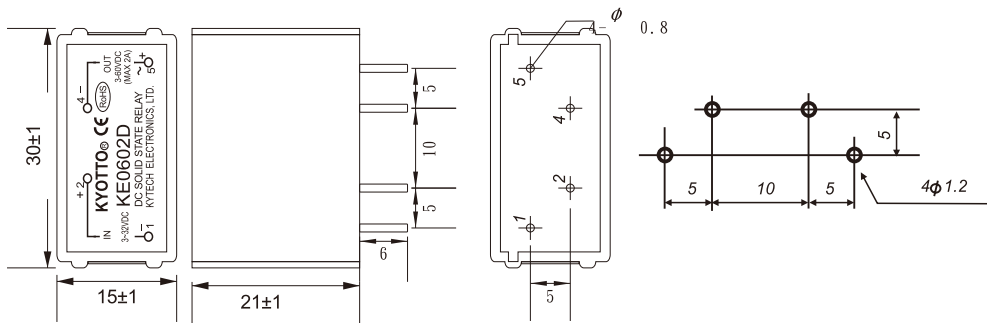
- (1) All parameters at 25°C unless otherwise specified
- (2) Dielectric strength and insulation resistance are measured between input and output
- (3) Heat sinking require ,for derating curves see next page.

## 等效電路圖 EQUIVALENT CIRCUIT



- 1.INPUT CIRCUIT
- 2.PHOTO DETECTOR
- 3.AMPLIFIER
- 4.PROTECTED CIRCUIT

## 外觀尺寸圖 MECHANICAL DIMENSIONS (Unit:mm)



## CHARACTERISTIC CURVES

### CHARACTERISTIC CURVES

