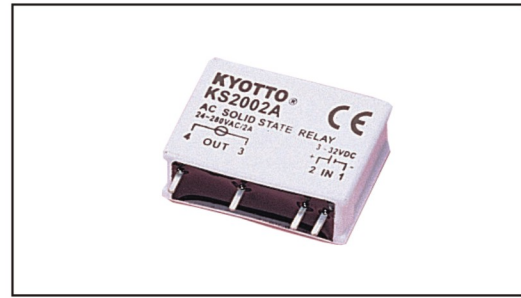


## AC SOLID STATE RELAY

**KS2002A  
KS2004A**

**KS SERIES**



### SPECIFICATIONS

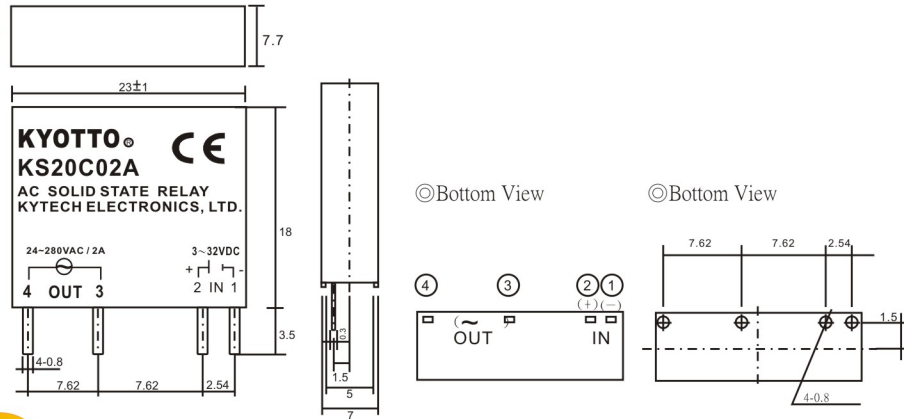
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KS2002A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	2A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	20A
KS2004A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	4A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	40A

MODEL NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	OPERATING TEMPERATURE	WEIGHT (g)
KS2002A	100 V/ $\mu$ SEC	1.5VAC	10 <sup>9</sup> ohm	2500 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C~80°C	6g
KS2004A	100 V/ $\mu$ SEC	1.5VAC	10 <sup>9</sup> ohm	2500 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C~80°C	6g

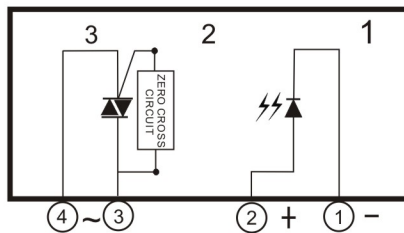
-20°C~80°C

### OUTLINE DIMENSIONS

(unit:mm)



### EQUIVALENT CIRCUIT



- 1.INPUT CIRCUIT
- 2.ZERO-CROSS CIRCUIT
- 3.OUTPUT CIRCUIT

### CHARACTERISTIC CURVES

