

## DC SOLID STATE RELAY

**KG1005D**  
**KG1010D**  
**KG1025D**  
**KG1040D**  
**KG1050D**  
**KG1075D**

## KG SERIES

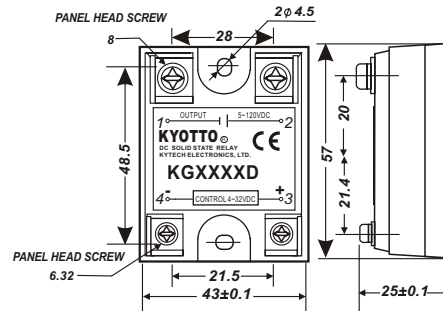


### SPECIFICATIONS

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
KG1005D	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	5A	5-120VDC	200VDC	LESS 3 mA	47-70HZ	25A
KG1010D	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	10A	5-120VDC	200VDC	LESS 5 mA	47-70HZ	50A
KG1025D	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	25A	5-120VDC	200VDC	LESS 7 mA	47-70HZ	100A
KG1040D	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	40A	5-120VDC	200VDC	LESS 7 mA	47-70HZ	200A
KG1050D	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	50A	5-120VDC	200VDC	LESS 7 mA	47-70HZ	250A
KG1075D	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	75A	5-120VDC	200VDC	LESS 7 mA	47-70HZ	375A

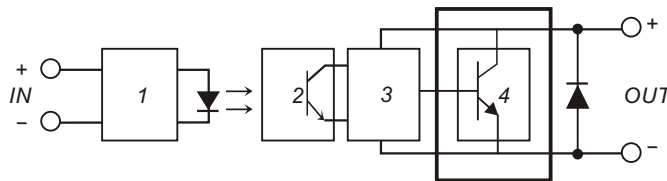
MODEL NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT-OUTPUT-CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
KG1005D	200 V/ $\mu$ SEC	2.0Vrms	$10^9$ ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 2 mSec	LESS 15 PF	95 g
KG1010D	200 V/ $\mu$ SEC	2.0Vrms	$10^9$ ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 2 mSec	LESS 15 PF	95 g
KG1025D	200 V/ $\mu$ SEC	2.0Vrms	$10^9$ ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 2 mSec	LESS 15 PF	95 g
KG1040D	200 V/ $\mu$ SEC	2.0Vrms	$10^9$ ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 2 mSec	LESS 15 PF	95 g
KG1050D	200 V/ $\mu$ SEC	2.0Vrms	$10^9$ ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 2 mSec	LESS 15 PF	95 g
KG1075D	200 V/ $\mu$ SEC	2.0Vrms	$10^9$ ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 2 mSec	LESS 15 PF	95g

### OUTLINE DIMENSIONS (unit:mm)



**大豪电子**  
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<http://www.szdahao.com>  
<http://www.very-tec.com>

### EQUIVALENT CIRCUIT



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

### CHARACTERISTIC CURVES

