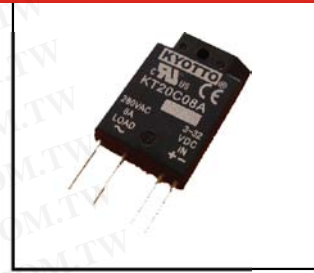


SOLID STATE RELAY KT SERIES	
Zero Turn On Type	KT20C08A/KT20C12A/ KT20C16A
Random Turn On Type	KT20R08A/KT20R12A/ KT20R16A
SIP TYPE SSR	

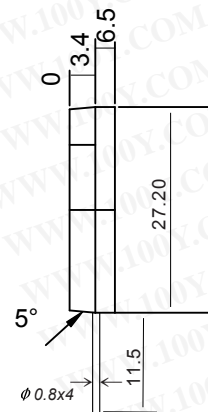
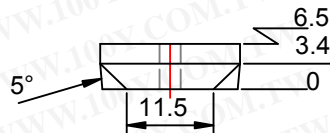
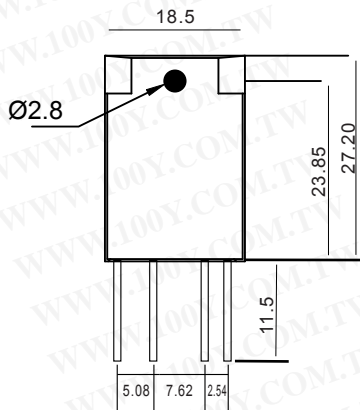


### SPECIFICATIONS

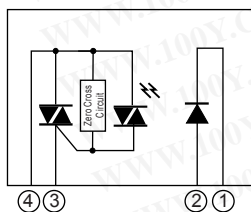
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KT20C08A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	8 A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	80A
KT20C12A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	12A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	120A
KT20C16A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	16A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	160A
KT20R08A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	8 A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	80A
KT20R12A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	12A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	120A
KT20R16A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	16A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	160A

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)
KT20C08A	200 V/μ SEC	1.5VAC	10 <sup>9</sup> ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	10 g
KT20C12A	200 V/μ SEC	1.5VAC	10 <sup>9</sup> ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
KT20C16A	200 V/μ SEC	2.0VAC	10 <sup>9</sup> ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
KT20R08A	200 V/μ SEC	2.0VAC	10 <sup>9</sup> ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
KT20R12A	200 V/μ SEC	2.0VAC	10 <sup>9</sup> ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
KT20R16A	200 V/μ SEC	2.0VAC	10 <sup>9</sup> ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g

### OUTLINE DIMENSIONS (unit:mm)



### EQUIVALENT CIRCUIT



- 1.INPUT CIRCUIT
- 2.PHOTO DETECTOR
- 3.ZERO-CROSS CIRCUIT
- 4.OUTPUT CIRCUIT

### CHARACTERISTIC CURVES

