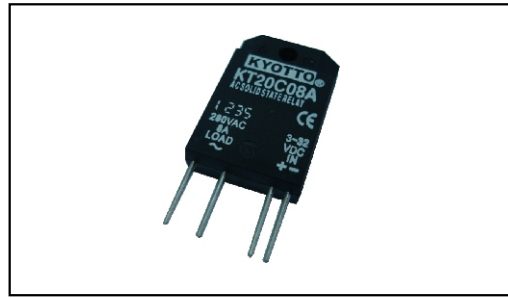


SOLID STATE RELAY KT SERIES

Zero Turn On Type KT20C08A/KT20C12A/ KT20C16A

Random Turn On Type KT20R08A/KT20R12A/ KT20R16A

SIP TYPE SSR

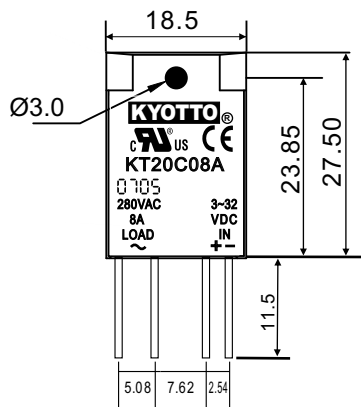


SPECIFICATIONS

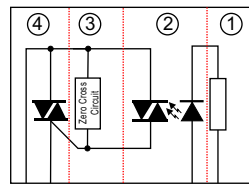
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KT20C08A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	8 A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	80A
KT20C12A	3 TO 32 VDC	MAX 1.0 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 IMPEDANCE	DIELECTRIC STRENGTH INPUT/OUTPUT	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	Operating Temperature	WEIGHT (g)
KT20C08A	200 V/ μ SEC	1.5VAC	10 ⁹ ohm	4000 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C to +80°C	10 g
KT20C12A	200 V/ μ SEC	1.5VAC	10 ⁹ ohm	4000 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C to +80°C	12 g
KT20C16A	200 V/ μ SEC	2.0VAC	10 ⁹ ohm	4000 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C to +80°C	12 g
KT20R08A	200 V/ μ SEC	2.0VAC	10 ⁹ ohm	4000 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C to +80°C	12 g
KT20R12A	200 V/ μ SEC	2.0VAC	10 ⁹ ohm	4000 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C to +80°C	12 g
KT20R16A	200 V/ μ SEC	2.0VAC	10 ⁹ ohm	4000 VACrms	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	-20°C to +80°C	12 g

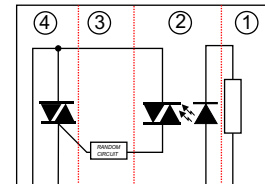
OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



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



- 1.INPUT CIRCUIT
- 2.PHOTO DETECTOR
- 3.RANDOM CIRCUIT
- 4.OUTPUT CIRCUIT

CHARACTERISTIC CURVES

