



RS201/KBU2A THRU RS207/KBU2M

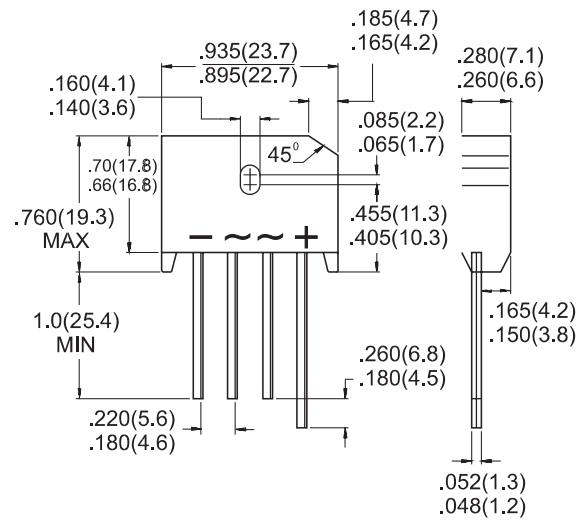
Single Phase 10 AMPS. Silicon Bridge Rectifiers

Voltage Range
-50 to 1000 Volts
Current
-4.0 Amperes

Features

- Surge overload rating-50 amperes peak
- Ideal for printed circuit board
- Plastic material has Underwriters Laboratory results in inexpensive product
- Flammability Classification 94v-0
- Mounting position: Any

RS2



Dimensions in inches and (millimeters)

Maximum Ratings and Electrical Characteristics

Rating at 25°C, ambient temperature unless otherwise specified.
Single phase, half wave, 60 Hz, resistive or inductive load.
For capacitive load, derate current by 20%

Type Number	RS	RS	RS	RS	RS	RS	RS	Units
	201	202	203	204	205	206	207	
	KBU 2A	KBU 2B	KBU 2D	KBU 2G	KBU 2J	KBU 2K	KBU 2M	
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Output Current @T=25°C	2.0							A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load	50							A
Maximum Reverse Current at Rated DC Blocking Voltage per Element	1.1							V
Maximum Instantaneous Forward Voltage Drop per element @ 2.0A	10							uA
Maximum DC Reverse Current @ T _A =100°C at Rated DC Blocking Voltage	1.0							mA
Operating Temperature Range T _J	-55 to +125							°C
Operating Temperature Range T _A	-55 to +150							°C

Maximum Instantaneous Forward Voltage
Drop per element @ 2.0A



FIG. 1-MAXIMUM FORWARD SURGE CURRENT

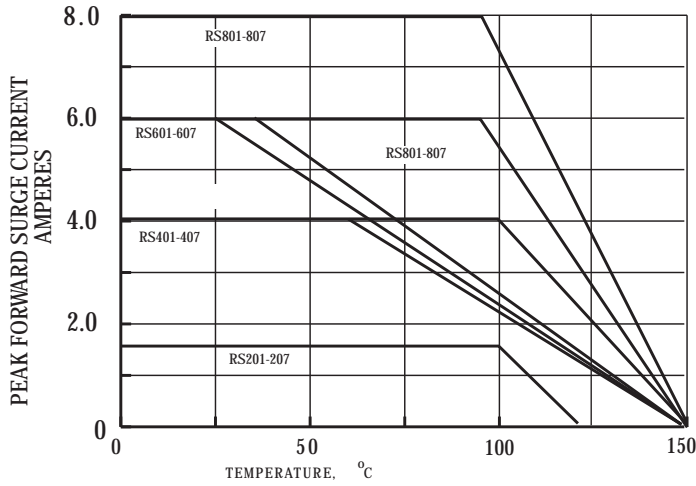


FIG. 2-DERATING CURVE
OUTPUT RECTIFIED CURRENT

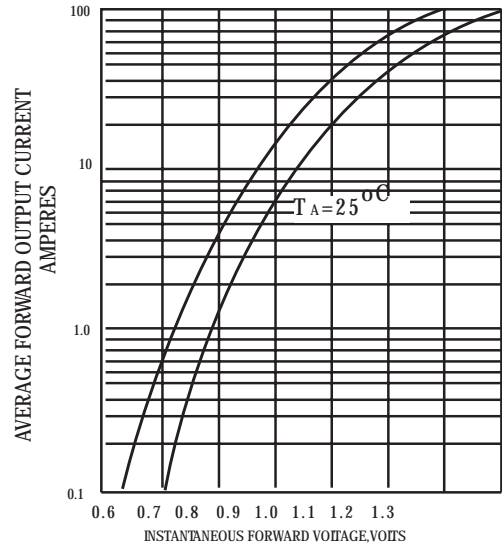


FIG. 3- MAXIMUM NON-RETETTIVE PEAK
FORWARD SURGE CURRENT

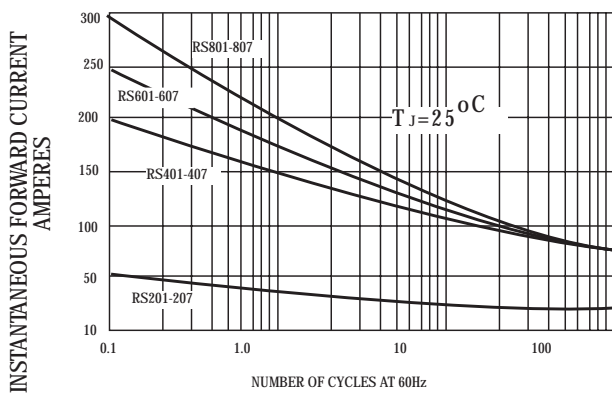


FIG. 4- TYPICAL REVERSE CHARACTERISTICS

