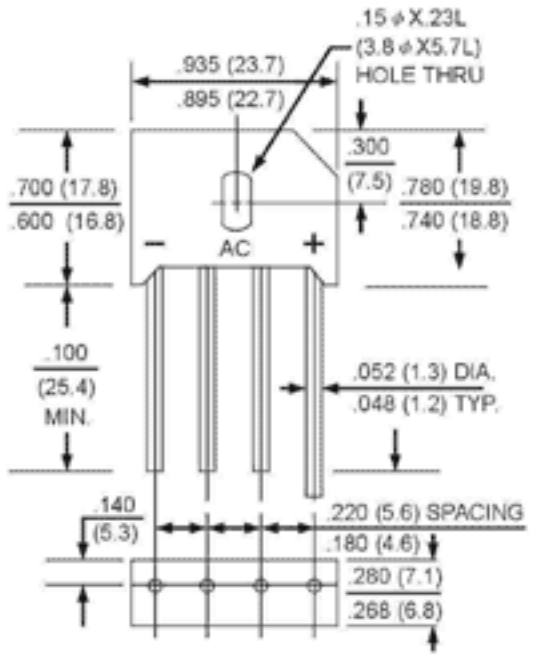
KBU/RS6 4A/6A/8A SERIES

SILICON BRIDGE RECTIFIERS

REVERSE VOLTAGE - **50** to **1000** Volts
FORWARD CURRENT - **4 / 6 / 8** Amperes

FEATURES

- Surge overload rating - 150~200 amperes peak
- Ideal for printed circuit board
- Reliable low cost construction utilizing molded plastic technique
- Plastic material has Underwriters Laboratory Flammability classification 94V-0
- Mounting Position: Any
- Mounting Torgue: 5 In. lb. Max.



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

CHARACTERISTICS	KBU4A / KBU6A / KBU8A / RS601	KBU4B / KBU6B / KBU8B / RS602	KBU4D / KBU6D / KBU8D / RS603	KBU4G / KBU6G / KBU8G / RS604	KBU4J / KBU6J / KBU8J / RS605	KBU4K / KBU6K / KBU8K / RS606	KBU4M / KBU6M / KBU8M / RS607	UNIT
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Bridge Input Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward T_C=100°C Rectified Output Current at T_A=50°C/40°C/45°C	KBU4	4.0 4.0	KBU6 RS6	6.0 6.0	KBU8	8.0 6.0		A A
Peak Forward Surge Current, 8.3ms single half sine-wave super imposed on rated load (JEDEC Method)		150		170		200		A
Maximum Instantanous Forward Voltage Drop per Element at 3.0A/3.0/4.0A		1.0		1.0		1.0		V
Maximum Reverse Leakage at rated T_A= 25°C DC Blocking Voltage per Element T_C=100°C		10 100		10 200		10 300		μA mA
Operating and Storage Temperature Range T_J, T_{STG}	-40 to +125							°C