



KBU6005 THRU KBU610

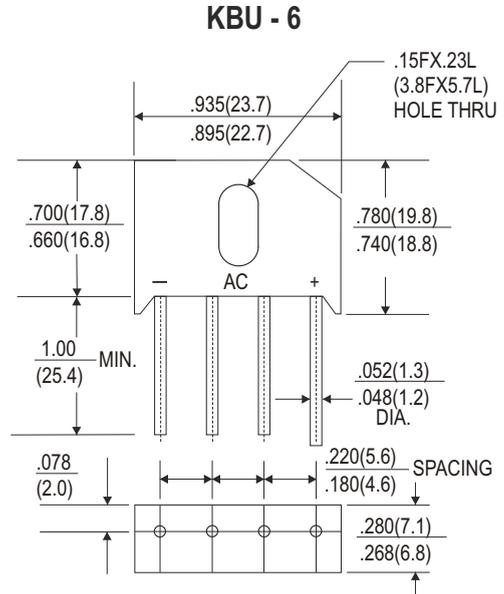
Single Phase 6 A Silicon Bridge Rectifiers

Voltage Range 50 to 1000 Volts

Current 6.0 Amperes

Features

- * UL Recognized File# E 228898
- * High surge current capability
- * Ideal for printed circuit board
- * Reliable low cost construction technique results in inexpensive product
- * High temperature soldering guaranteed:
250° C / 10seconds / 0.375" (9.5mm)lead length at5lbs.
(2.3kg) tension
- * Weight: 8 grams



Dimensions in inches and (millimeters)

Maximum Ratings and Electrical Characteristics

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

Type Number	KBU 6005	KBU 601	KBU 602	KBU 604	KBU 606	KBU 608	KBU 610	Units
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 Current @ T _A =65°C	6.0							A
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	175							A
Maximum Instantaneous Forward Voltage @ 6.0A	1.0							V
Maximum DC Reverse Current @ T _A =25°C At Rated DC Blocking Voltage @ T _A =100°C	10 500							uA uA
Operating Temperature Range T _J	-55 to +125							°C
Storage Temperature Range T _{STG}	-55 to +125							°C

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RATINGS AND CHARACTERISTIC CURVES (KBU6005 THRU KBU610)

