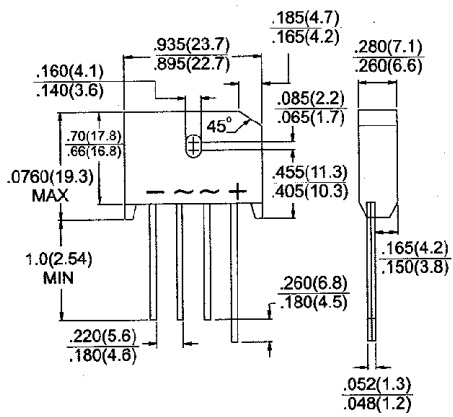


KBU601 THRU KBU607								
Single Phase 6.0 AMPS. Silicon Bridge Rectifiers								
Features	Voltage Range 50 to 1000 Volts Current 6.0 Amperes							
	KBU							
								
Dimensions in inches and (millimeters)								
Maximum Ratings and Electrical Characteristics								
Rating at 25°C ambient temperature unless otherwise specified.								
Single phase, half wave, 60 Hz, resistive or inductive load.								
For capacitive load, derate current by 20%								
Symbols	KBU 601	KBU 602	KBU 603	KBU 604	KBU 605	KBU 606	KBU 607	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)	200							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 +150							°C

RATINGS AND CHARACTERISTIC CURVES (KBU601 THRU KBU607)

FIG.1- MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT PER BRIDGE ELEMENT

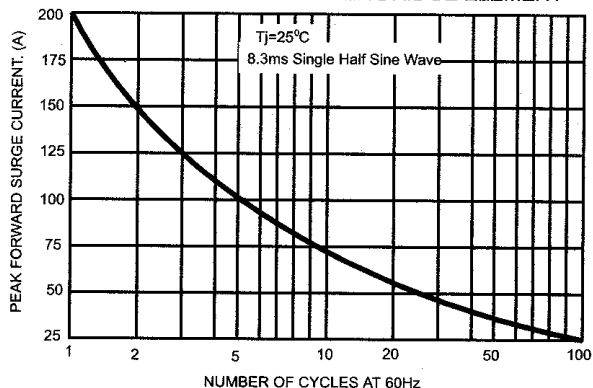


FIG.2- MAXIMUM FORWARD CURRENT DERATING CURVE

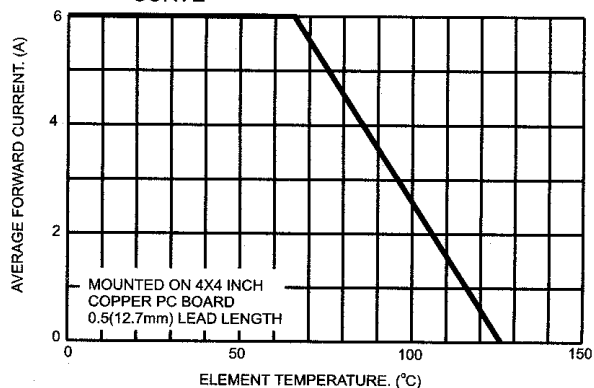


FIG.3- TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS PER BRIDGE ELEMENT

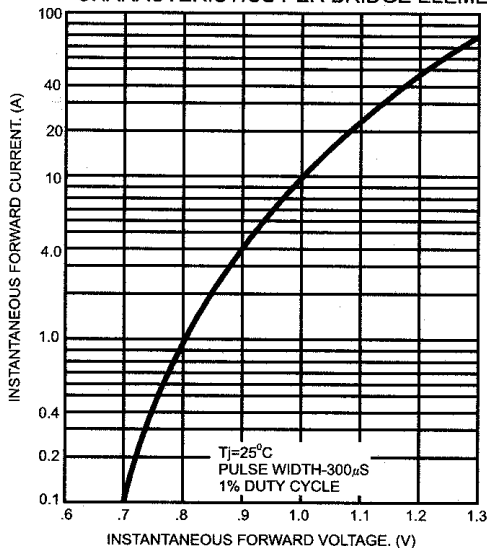


FIG.4- TYPICAL REVERSE CHARACTERISTICS PER BRIDGE ELEMENT

