



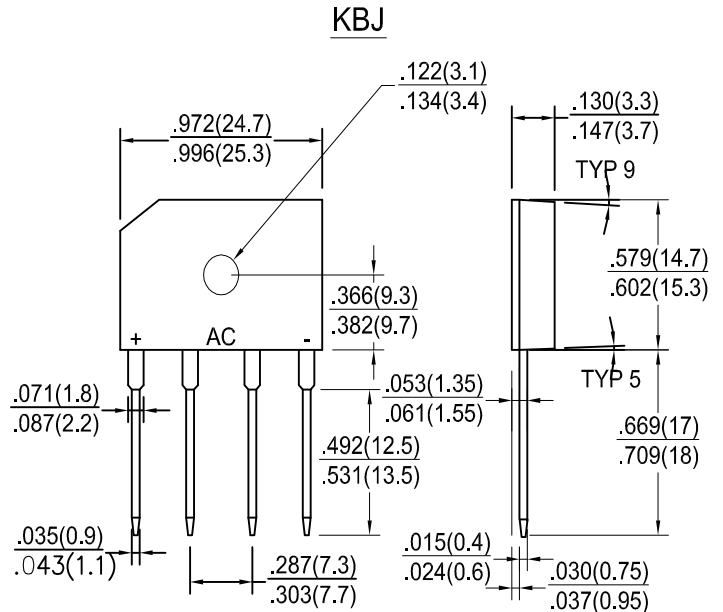
SINGLE PHASE GLASS PASSIVATED BRIDGE RECTIFIERS

FEATURES:

- Ideal for printed circuit board
- Reliable low cost construction
- Plastic material has Underwriters laboratory Flammability Classification 94V-0
- Surge overload rating to 120 Amperes peak

MECHANICAL DATA

Case : Moded plastic
 Weight : 0.15 ounce, 4.0 grams
 Mounting Torque : 5 in. lb. Max



Dimensions in inches and (millimeters)

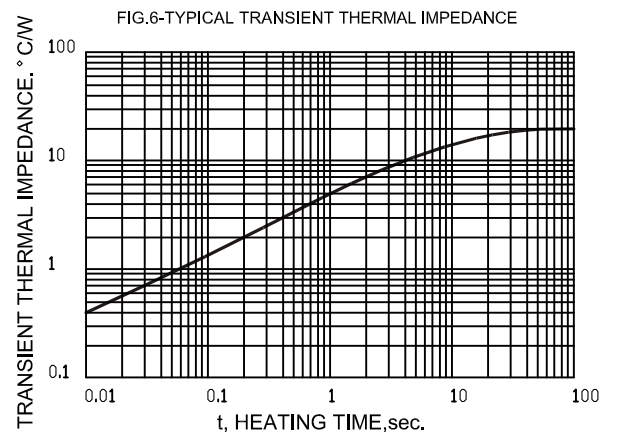
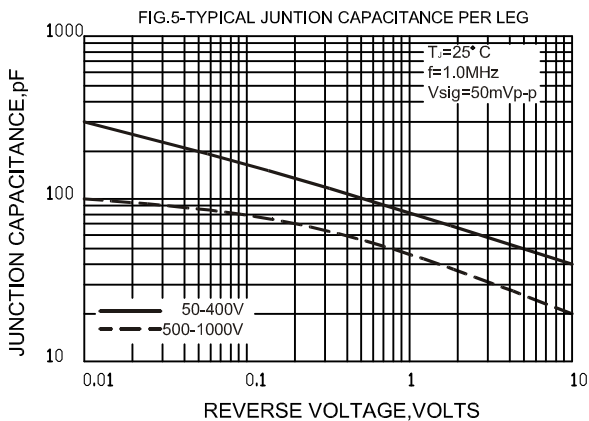
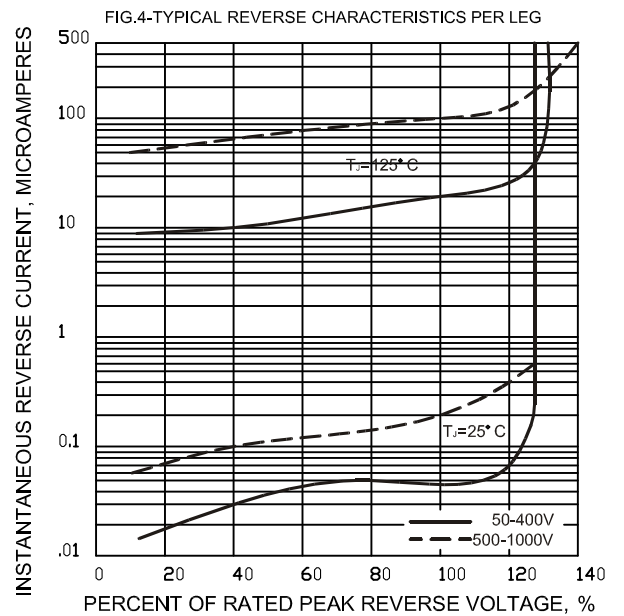
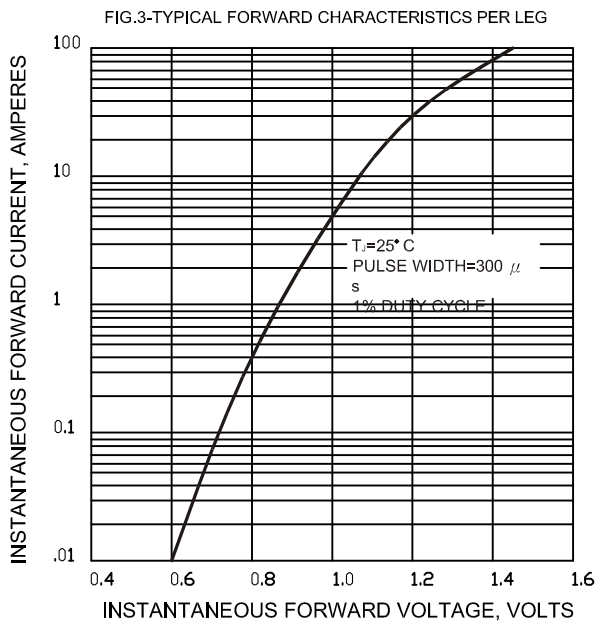
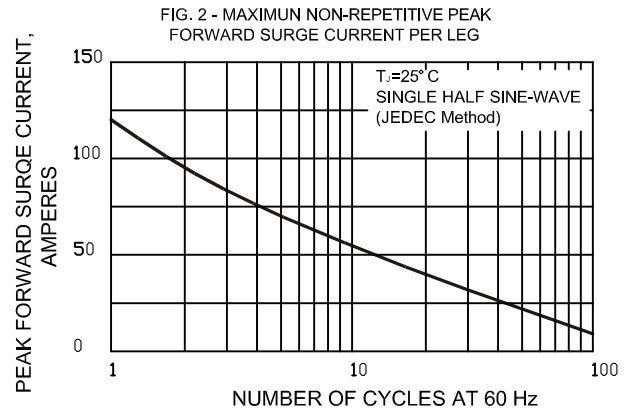
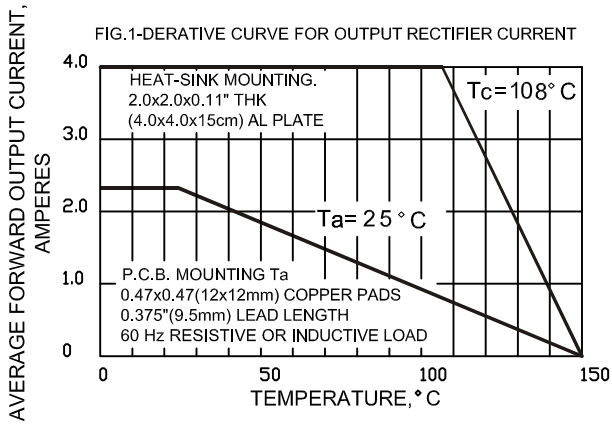
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

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

Characteristic	Symbol	KBJ	KBJ	KBJ	KBJ	KBJ	KBJ	KBJ	Units
		4005G	401G	402G	404G	406G	408G	410G	
Maximum recurrent peak reverse voltage	VRRM	50	100	200	400	600	800	1000	Volts
Maximum RMS voltage	VRMS	35	70	140	280	420	560	700	Volts
Maximum DC blocking voltage	VDC	50	100	200	400	600	800	1000	Volts
Maximum average forward rectified current Tc=108° C Ta=25° C	Io	4.0							Amps
		2.3							
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load(JEDEC Method)	IFSM	120							Amps
Maximum forward voltage drop per leg at 4.0 A	VF	1.1							Volts
Maximum reverse current at rated DC blocking voltage per leg	IR	5.0							μ A
		500.0							
Operating and storage temperature range	Tj, Tstg	-55 to +150							° C



RATINGS AND CHARACTERISTIC CURVES





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