KBL005 THRU KBL10

SINGLE PHASE SILICON BRIDGE RECTIFIER VOLTAGE:50 TO 1000V CURRENT:4.0A



FEATURE

Ideal for printed circuit board Surge overload rating:200 A peak High case dielectric strength

MECHANICAL DATA

Retardant Epoxy

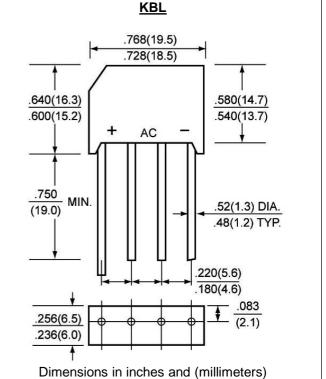
Mounting position: any

Terminal: Plated leads solderable per

Case: UL-94 Class V-0 recognized Flame

Polarity: Polarity symbol marked on body

MIL-STD 202E, method 208C



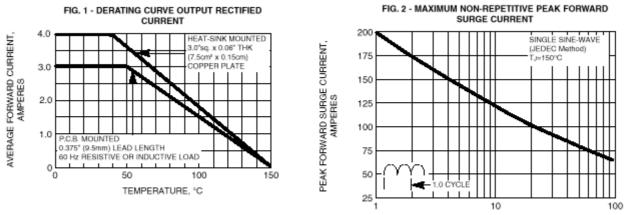
T Dimensions in

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

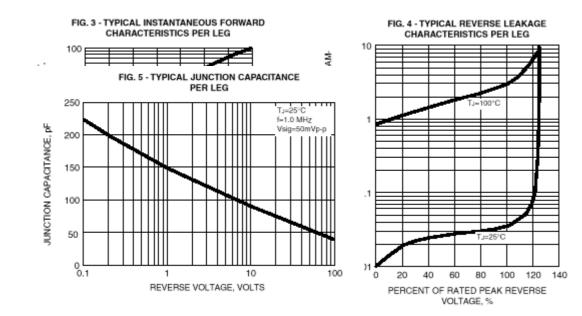
(single-phase, half -wave, 60HZ, resistive or inductive load rating at 25°C, unless otherwise stated, for capacitive load, derate current by 20%)

SYMBOL	KBL	KBL	KBL	KBL	KBL	KBL	KBL	units
	005	01	02	04	06	08	10	
Vrrm	50	100	200	400	600	800	1000	V
Vrms	35	70	140	280	420	560	700	V
Vdc	50	100	200	400	600	800	1000	V
lf(av)	4.0							А
lfsm	200.0						A	
Vf	1.1							V
Ir	10.0							μA
							mA	
Tj	-55 to +125							°C
Tstg	-55 to +150							°C
	Vrrm Vrms Vdc If(av) Ifsm Vf Ir Tj	SYMBOL005Vrrm50Vrms35Vdc50If(av)IfsmVfIrIrTj	SYMBOL 005 01 Vrrm 50 100 Vrms 35 70 Vdc 50 100 If(av) Ifsm Ifsm Vf Ir Ir Tj Ifsite It	SYMBOL 005 01 02 Vrrm 50 100 200 Vrms 35 70 140 Vdc 50 100 200 If(av) Ifsm -5 Vf -5 -5	SYMBOL 005 01 02 04 Vrrm 50 100 200 400 Vrms 35 70 140 280 Vdc 50 100 200 400 If(av) -50 100 200 400 Ifsm 200.0 200.0 4.0 1.1 Ir 10.0 1.0 1.0 1.0 Tj -55 to +12 -55 to +12 -55 to +12	SYMBOL 005 01 02 04 06 Vrrm 50 100 200 400 600 Vrms 35 70 140 280 420 Vdc 50 100 200 400 600 If(av) 50 100 200 400 600 Ifsm 200.0 4.0 500 1.1 Vf 1.1 10.0 1.0 1.0 Ir 10.0 1.0 1.0 1.0 Tj -55 to +125 50 1.2	SYMBOL 005 01 02 04 06 08 Vrrm 50 100 200 400 600 800 Vrms 35 70 140 280 420 560 Vdc 50 100 200 400 600 800 If(av) 50 100 200 400 600 800 Ifsm 200.0 4.0 50 100 200.0 50 100 1.1 10.0 1.1 10.0 1.0	SYMBOL 005 01 02 04 06 08 10 Vrrm 50 100 200 400 600 800 1000 Vrms 35 70 140 280 420 560 700 Vdc 50 100 200 400 600 800 1000 If(av) 50 100 200 400 600 800 1000 Ifsm 200.0 4.0 50 100 200.0 50 100

RATINGS AND CHARACTERISTIC CURVES KBL005 THRU KBL10



NUMBER OF CYCLES AT 60 Hz



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