



					KBP202	KBP204	KBP206	KBP208	KBP210
Device marking code			KBP2005	KBP201	KBP202	KBP204	KBP206	KBP208	KBP210
Maximum Repetitive Peak Reverse Voltage	VRRM	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	VRMS	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	VDC	V	50	100	200	400	600	800	1000
Average rectified output current @60Hz sine wave, R-load, T _c =110	I _O	A	2						
Forward Surge Current (Non-repetitive) @8.3ms Half-sine wave, 1 cycle, T _j =25	I _{FSM}	A	45						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, T _j =25			90						

			T _j =125	100
Typical junction capacitance	C _j	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	13



$T_a=25$ Unless otherwise specified

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Between junction and ambient

R_{J-A}

Thermal Resistance



A	11.0	11.6
B	12.7	/
C	0.7	0.9
D	3.6	4.1
E	3.7	3.95
F	14.4	15.0
G	1.10	1.27



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