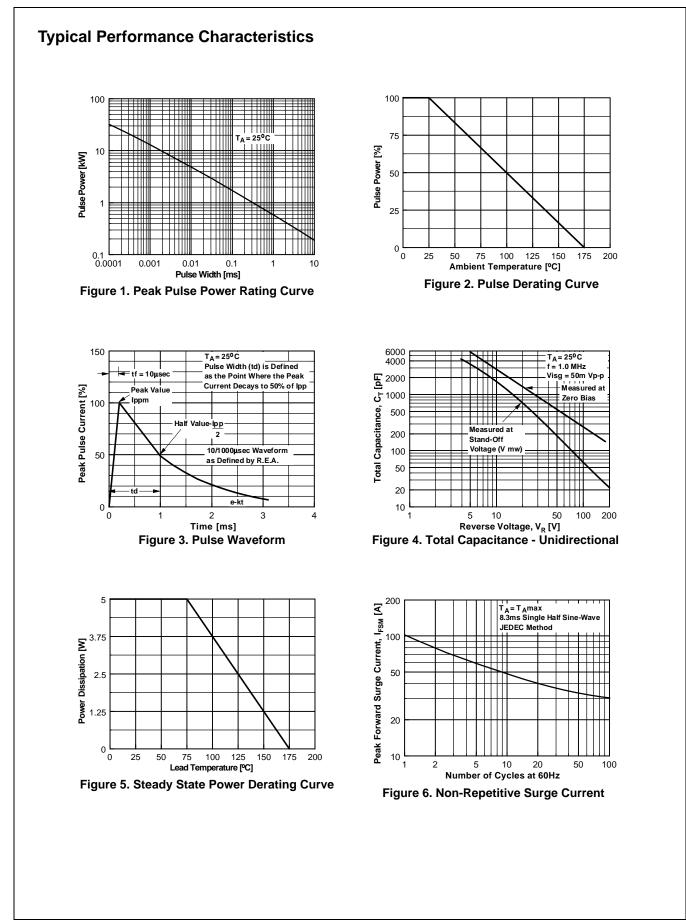


* These ratings are limiting values above which the serviceability of any semiconductor device may be impaired. **Note 1** : Measured on 8.3 ms single half-sine wave; Duty cycle = 4 pulses per minute maximum.

Uni-directional Bi-directional (C) Device	Reverse Stand-off Voltage V _{RWM} (V)	Breakdown Voltage V _{BR} (V)		Test Current I _T (mA)	Clamping Voltage @I _{PPM} V _C (V)	Peak Pulse Current I _{PPM} (A)	Reverse Leakage V _{RWM}	Temperature Coefficient V _{BR} (%/°C)
		Min.	Max.				I _R (μΑ)*	
P6KE6V8(C)A	5.80	6.45	7.14	10	10.5	57.1	1000	0.057
P6KE7V5(C)A	6.40	7.13	7.88	10	11.3	53.1	500	0.061
P6KE8V2(C)A	7.02	7.79	8.61	10	12.1	50.0	200	0.065
P6KE9V1(C)A	7.78	8.65	9.55	1	13.4	45.0	50	0.068
P6KE10(C)A	8.55	9.50	10.5	1	14.5	41.0	10	0.073
P6KE11(C)A	9.40	10.5	11.6	1	15.6	38.0	5	0.075
P6KE12(C)A	10.2	11.4	12.6	1	16.7	36.0	5	0.078
P6KE13(C)A	11.1	12.4	13.7	1	18.2	33.0	5	0.081
P6KE15(C)A	12.8	14.3	15.8	1	21.2	28.0	5	0.084
P6KE16(C)A	13.6	15.2	16.8	1	22.5	27.0	5	0.086
P6KE18(C)A	15.3	17.1	18.9	1	25.2	24.0	5	0.088
P6KE20(C)A	17.1	19.0	21.0	1	27.7	22.0	5	0.090
P6KE22(C)A	18.8	20.9	23.1	1	30.6	20.0	5	0.092
P6KE24(C)A	20.5	22.8	25.2	1	33.2	18.1	5	0.094
P6KE27(C)A	23.1	25.7	28.4	1	37.5	16.0	5	0.096
P6KE30(C)A	25.6	28.5	31.5	1	41.4	14.5	5	0.097
P6KE33(C)A	28.2	31.4	34.7	1	45.7	13.2	5	0.098
P6KE36(C)A	30.8	34.2	37.8	1	49.9	12.0	5	0.099
P6KE39(C)A	33.3	37.1	41.0	1	53.9	11.2	5	0.100
P6KE43(C)A	36.8	40.9	45.2	1	59.3	10.1	5	0.100
P6KE47(C)A	40.2	44.7	49.4	1	64.8	9.3	5	0.101
P6KE51(C)A	43.6	48.5	53.6	1	70.1	8.6	5	0.101
P6KE56(C)A	47.8	53.2	58.8	1	77.0	7.8	5	0.102
P6KE62(C)A	53.0	58.9	65.1	1	85.0	7.0	5	0.103
P6KE68(C)A	58.1	64.6	71.4	1	92.0	6.5	5	0.104
P6KE75(C)A	64.1	71.3	78.8	1	103.0	5.8	5	0.104
P6KE82(C)A	70.1	77.9	86.1	1	113.0	5.3	5	0.105
P6KE91(C)A	77.8	86.5	95.5	1	125.0	4.8	5	0.105
P6KE100(C)A	85.5	95.0	105.0	1	123.0	4.4	5	0.100
P6KE110(C)A	94.0	105.0	116.0		152.0	4.4	5	0.100
P6KE120(C)A	102.0	114.0	126.0	1	165.0	3.6	5	0.107
P6KE130(C)A	111.0	124.0	137.0	1	179.0	3.4	5	0.107
· · /	128.0	143.0	158.0	1	207.0	2.9	5	0.107
P6KE150(C)A P6KE160(C)A				1			5	
	136.0	152.0	168.0		219.0	2.7		0.108
P6KE170(C)A	145.0	162.0	179.0	1	234.0	2.6	5 5	0.108
P6KE180(C)A	154.0	171.0	189.0	1	246.0	2.4		0.108
P6KE200(C)A	171.0	190.0	210.0	1	274.0	2.2	5	0.108
P6KE220(C)A	185.0	209.0	231.0	1	328.0	1.9	5	0.108
P6KE250(C)A	214.0	237.0	263.0	1	344.0	1.8	5	0.110
P6KE300(C)A	256.0	285.0	315.0	1	414.0	1.5	5	0.110
P6KE350(C)A	300.0	332.0	368.0	1	482.0	1.3	5	0.110
P6KE400(C)A	342.0	380.0	420.0	1	548.0	1.1	5	0.110
P6KE440(C)A	376.0	418.0	462.0	1	602.0	1.0	5	0.110

* For bidirectional parts with V_{RWM} <10V, the I_R max limit is doubled.



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