

Glass Encapsulated Semiconductor Rectifier diodes

The plastic material carries U L recognition 94V-0.

P6KE-A Series. 600 W./1 ms. expo. Plastic Case: DO-18. Outline: 2

Unidirectional

Type	Maximum Reverse Leakage Current		(1) Breakdown Voltage				Máx. Clamping Voltage	
	I_{RM}	at V_{RM}	$V_{(BR)}$ (V)			at I_R	$V_{(CL)}$	at I_{pp}
Unidirectional	(μA)	(V)	Min.	Nom.	Max.	(mA)	(V)	(A)
P6KE6.8A	1000	5.8	6.45	6.8	7.14	10	10.5	57
P6KE7.5A	500	6.4	7.13	7.5	7.88	10	11.3	53
P6KE8.2A	200	7.02	7.79	8.2	8.61	10	12.1	50
P6KE9.1A	50	7.78	8.65	9.1	9.55	1	13.4	45
P6KE10A	10	8.55	9.5	10	10.5	1	14.5	41
P6KE11A	5	9.4	10.5	11	11.6	1	15.6	38
P6KE12A	5	10.2	11.4	12	12.6	1	16.7	36
P6KE13A	5	11.1	12.4	13	13.7	1	18.2	33
P6KE15A	5	12.8	14.3	15	15.8	1	21	28
P6KE16A	5	13.6	15.2	16	16.8	1	22.5	27
P6KE18A	5	15.3	17.1	18	18.9	1	25.2	24
P6KE20A	5	17.1	19	20	21	1	27.7	22
P6KE22A	5	18.8	20.9	22	23.1	1	30.6	20
P6KE24A	5	20.5	22.8	24	25.2	1	33.2	18
P6KE27A	5	23.1	25.7	27	28.4	1	37.5	16
P6KE30A	5	25.6	28.5	30	31.5	1	41.5	14.4
P6KE33A	5	28.2	31.4	33	34.7	1	45.7	13.2
P6KE36A	5	30.8	34.2	36	37.8	1	49.9	12
P6KE39A	5	33.3	37.1	39	41	1	53.9	12.2
P6KE43A	5	36.8	40.9	43	45.2	1	59.3	10.1
P6KE47A	5	40.2	44.7	47	49.4	1	64.8	9.3
P6KE51A	5	43.6	48.5	51	53.6	1	70.1	8.6
P6KE56A	5	47.8	53.2	56	58.8	1	77	7.8
P6KE62A	5	53	58.9	62	65.1	1	85	7.1
P6KE68A	5	58.1	64.6	68	71.4	1	92	6.5
P6KE75A	5	64.1	71.3	75	78.8	1	103	5.8
P6KE82A	5	70.1	77.9	82	86.1	1	113	5.3
P6KE91A	5	77.8	86.5	91	96.5	1	125	4.8
P6KE100A	5	85.5	95	100	105	1	137	4.4
P6KE110A	5	94	105	110	116	1	152	4
P6KE120A	5	102	114	120	126	1	165	3.6
P6KE130A	5	111	124	130	137	1	179	3.3
P6KE150A	5	128	143	150	158	1	207	2.9
P6KE160A	5	136	152	160	168	1	219	2.7
P6KE170A	5	145	162	170	179	1	234	2.6
P6KE180A	5	154	171	180	189	1	246	2.4
P6KE200A	5	171	190	200	210	1	274	2.2
P6KE220A	5	188	209	220	231	1	301	2
P6KE250A	5	213	237	250	263	1	344	1.8
P6KE300A	5	256	285	300	315	1	414	1.6
P6KE320A	5	273	304	320	336	1	438	1.6
P6KE350A	5	299	332	350	368	1	482	1.6
P6KE400A	5	342	380	400	420	1	548	1.3
P6KE440A	5	376	418	440	462	1	603	1.3

(1) Tested with pulses.

Pulse test: $t_p \leq 50$ ms; $\delta < 2\%$.