

TVS 瞬态电压抑制二极管

TVS Transient Voltage Suppressor

40W P6KE6.8-440A 外形:DO-41

60W P6KE6.8-440A 外形:DO-15

150W 1.5KE6.8-440A 外形:DO-201AD

Outline: DO-41

Outline: DO-15

Outline: DO-201AD

型号 Type	击穿电压 Breakdown Voltage		ESD CURRENT @10kV	反向工作电压 Reverse Stand off Voltage	最大反向漏电流 Maximum Reverse Leakage	最大峰值浪涌电流 Maximum Peak Pulse Current			最大钳位电压 Maximum Clamping Voltage	最大温度系数 Maximum Temperature Coefficient of V _{CL}
	V _{BR}					I _{RR} (@5V)	I _{PM}	V _C @I _{PM}		
	Min	Max	400W	600W	1500W				(%/°C)	
6.8	6.12	7.48	10	5.50	1000	38	56	139	20.8	0.057
6.8A	6.45	7.14	10	5.60	1000	40	57	145	20.5	0.057
7.5	6.75	8.25	10	6.05	500	36	51	128	21.7	0.061
7.5A	7.13	7.88	10	6.40	500	37	53	132	21.3	0.061
8.2	7.38	9.02	10	6.65	200	33	48	120	22.5	0.065
8.2A	7.79	8.61	10	7.02	200	35	50	124	22.1	0.065
9.1	8.19	10.0	1.0	7.37	50	30	44	109	23.4	0.068
9.1A	8.65	9.55	1.0	7.78	50	31	45	112	23.4	0.068
10	9.00	11.0	1.0	8.10	10	28	40	100	25.0	0.073
10A	9.50	10.5	1.0	8.55	10	29	41	103	24.5	0.073
11	9.90	12.1	1.0	8.92	5.0	26	37	93.0	26.2	0.075
11A	10.5	11.6	1.0	9.40	5.0	27	38	96.0	25.6	0.075
12	10.8	13.2	1.0	9.72	5.0	24	35	87.0	27.2	0.076
12A	11.4	12.6	1.0	10.2	5.0	25	36	90.0	26.7	0.076
13	11.7	14.3	1.0	10.5	5.0	22	32	79.0	29.0	0.081
13A	12.4	13.7	1.0	11.1	5.0	23	33	82.0	28.2	0.081
15	13.5	16.5	1.0	12.1	5.0	19	27	68.0	32.0	0.084
15A	15.3	15.8	1.0	12.8	5.0	20	28	71.0	31.2	0.084
16	14.4	17.6	1.0	12.9	5.0	18	26	64.0	33.5	0.086
16A	15.2	16.8	1.0	13.6	5.0	19	27	67.0	32.5	0.086
18	16.2	19.8	1.0	14.5	5.0	16	23	56.5	36.5	0.088
18A	17.1	18.9	1.0	15.3	5.0	17	24	59.5	35.2	0.088
20	18.0	22.0	1.0	16.2	5.0	14	21	51.5	39.1	0.090
20A	19.0	21.0	1.0	17.1	5.0	15	22	54.0	37.7	0.090
22	19.8	24.2	1.0	17.8	5.0	13	19	47.0	41.9	0.092
22A	20.9	23.1	1.0	18.8	5.0	14	20	49.0	40.6	0.092
24	21.6	26.4	1.0	19.4	5.0	12	17	43.0	44.7	0.094
24A	22.8	25.2	1.0	20.5	5.0	13	18	45.0	43.2	0.094
27	24.3	29.7	1.0	21.8	5.0	11	15	38.5	49.1	0.096
27A	25.7	28.4	1.0	23.1	5.0	11.2	16	40.0	47.5	0.096
30	27.0	33.0	1.0	24.3	5.0	10	14	34.5	53.5	0.097
30A	28.5	31.5	1.0	25.6	5.0	10	14.4	36.0	51.4	0.097
33	29.7	36.3	1.0	26.8	5.0	9	12.6	31.5	57.7	0.098
33A	31.4	34.7	1.0	28.2	5.0	8	13.2	33.0	55.7	0.098
36	32.4	39.6	1.0	29.1	5.0	8	11.6	29.0	62.0	0.099
36A	34.2	37.8	1.0	30.8	5.0	8.4	12.0	30.0	59.9	0.099
39	35.1	42.9	1.0	31.6	5.0	7.4	10.6	26.5	66.4	0.100
39A	37.1	41.0	1.0	33.3	5.0	7.8	11.2	28.0	63.9	0.100
43	38.7	47.3	1.0	34.8	5.0	6.8	9.6	24.0	73.9	0.101
43A	40.9	45.2	1.0	36.8	5.0	7.1	10.1	25.3	71.5	0.101
47	42.3	51.7	1.0	38.1	5.0	6.2	8.9	22.2	81.8	0.101
47A	44.7	49.4	1.0	40.2	5.0	5.9	9.3	23.2	79.5	0.101
51	45.9	56.1	1.0	41.3	5.0	5.7	8.2	20.4	84.8	0.102
51A	48.5	53.6	1.0	43.6	5.0	6.0	8.6	21.4	80.1	0.102
56	50.4	61.6	1.0	45.4	5.0	5.2	7.4	18.6	91.0	0.103
56A	53.2	58.8	1.0	47.8	5.0	5.5	7.8	19.5	87.0	0.103
62	55.8	68.2	1.0	50.2	5.0	4.7	6.8	16.9	99.0	0.104
62A	58.9	65.1	1.0	53.0	5.0	5.0	7.3	17.7	95.0	0.104
68	61.2	74.8	1.0	55.1	5.0	4.3	6.1	15.3	108.0	0.104
68A	64.6	71.4	1.0	58.1	5.0	4.6	6.5	16.3	102.0	0.104
75	67.5	82.5	1.0	60.7	5.0	3.9	5.5	13.9	118	0.105
75A	71.3	78.8	1.0	64.1	5.0	4.1	5.8	14.6	113	0.105

备注: 型号后带字母A表示Kilovolt系列, Volt(省略); 无字母表示Kilovolt±10% (省略)

TVS 瞬态电压抑制二极管

TVS Transient Voltage Suppressor

100W PPKES-8-410A 外型:DO-41

800W PPKES-8-410A 外型:DO-15

1500W L-5826-8-410A 外型:DO-201AD

Outline: 10

Outline: 10

Outline: 80-20

型号 Type	击穿电压 Breakdown Voltage		TEST CURRENT 6kV	反向工作电压 Reverse Stand Off Voltage	最大反向漏电流 Maximum Reverse Leakage	最大峰值浪涌电流 Maximum Peak Pulse Current			最大钳位电压 Maximum Clamping Voltage	V _{oc} 最大温度系数 Maximum Temporal Coefficient of V _{oc}	
	V _{Br}					I _{RM}	I _{PM}				V _c (80ms)
	Min	Max					100W	800W			
82	73.8	90.2	1.0	66.4	5.0	3.6	5.1	12.7	118	0.105	
82A	77.9	96.1	1.0	70.1	5.0	3.7	5.3	13.3	115	0.105	
91	81.9	100	1.0	73.7	5.0	3.2	4.5	11.4	121	0.106	
91A	86.5	95.5	1.0	77.8	5.0	3.4	4.8	12.0	125	0.106	
100	90.0	110	1.0	81.0	5.0	2.9	4.2	10.4	144	0.106	
100A	95.0	105	1.0	85.5	5.0	3.1	4.4	11.0	137	0.106	
110	99.0	121	1.0	89.2	5.0	2.7	3.8	9.5	158	0.107	
110A	105	126	1.0	94.0	5.0	2.8	4.0	9.9	152	0.107	
120	108	132	1.0	97.2	5.0	2.4	3.3	8.7	173	0.107	
120A	114	126	1.0	102	5.0	2.5	3.6	9.1	165	0.107	
130	117	143	1.0	105	5.0	2.2	3.2	8.0	187	0.107	
130A	124	137	1.0	111	5.0	2.3	3.3	8.4	179	0.107	
150	135	165	1.0	121	5.0	2.0	2.8	7.0	215	0.108	
150A	143	158	1.0	128	5.0	2.0	2.9	7.2	207	0.108	
160	144	176	1.0	130	5.0	1.8	2.6	6.5	230	0.108	
160A	152	168	1.0	136	5.0	1.9	2.7	6.8	219	0.108	
170	153	187	1.0	138	5.0	1.7	2.5	6.2	264	0.108	
170A	162	179	1.0	145	5.0	1.8	2.6	6.4	234	0.108	
180	162	198	1.0	146	5.0	1.6	2.3	5.8	258	0.108	
180A	171	189	1.0	154	5.0	1.7	2.4	6.1	246	0.108	
200	180	220	1.0	162	5.0	1.5	2.1	5.2	287	0.108	
200A	190	210	1.0	171	5.0	1.5	2.2	5.5	274	0.108	
220	198	242	1.0	175	5.0	1.14	1.75	4.3	344	0.108	
220A	209	231	1.0	185	5.0	1.22	1.85	4.6	328	0.108	
250	225	275	1.0	202	5.0	1.1	1.67	5.0	360	0.110	
250A	237	267	1.0	214	5.0	1.16	1.75	5.0	344	0.110	
300	270	330	1.0	243	5.0	0.95	1.40	5.0	430	0.110	
300A	285	315	1.0	256	5.0	0.97	1.45	5.0	414	0.110	
350	315	385	1.0	284	5.0	0.79	1.20	4.0	504	0.110	
350A	332	368	1.0	300	5.0	0.83	1.25	4.0	482	0.110	
400	360	440	1.0	324	5.0	0.70	1.05	4.0	574	0.110	
400A	380	420	1.0	342	5.0	0.73	1.10	4.0	548	0.110	
480	396	484	1.0	356	5.0	0.85	0.95	2.38	631	0.110	
480A	418	462	1.0	376	5.0	1.0	1.0	2.50	602	0.110	

备注: 型号后面带*标记, 表示V_{oc}范围±5%; V_c(100ns)无*标记表示V_{oc}范围±10%; V_c(100ns)