

TRANSIENT VOLTAGE SUPPRESSORS (TVS) - защитные диоды для защиты цепей от импульсных выбросов напряжения

TVS 500 Вт, корпус DO-15						
Наим-е	Напряж. открыв., В		Напр. закрыв. (обр.), В	Макс. ток утечки, мкА	Макс. имп. ток, А	Макс. напр., В
	мин.	макс.				
SA5.0	6.40	7.30	5.0	600	52.0	9.6
SA6.0	6.67	8.15	6.0	600	43.9	11.4
SA6.5	7.22	8.82	6.5	400	40.7	12.3
SA7.0	7.78	9.51	7.0	150	37.8	13.3
SA7.5	8.33	10.2	7.5	50	35.0	14.3
SA8.0	8.89	10.9	8.0	25	33.3	15.0
SA8.5	9.44	11.5	8.5	10	31.4	15.9
SA9.0	10.0	12.2	9.0	5.0	29.5	16.9
SA10	11.1	13.6	10.0	3.0	26.6	18.8
SA11	12.2	14.9	11.0	3.0	24.9	20.1
SA12	13.3	16.3	12.0	3.0	22.7	22.0
SA13	14.4	17.6	13.0	3.0	21.0	23.8
SA14	15.6	19.1	14.0	3.0	19.4	25.8
SA15	16.7	20.4	15.0	3.0	18.8	26.9
SA16	17.8	21.8	16.0	3.0	17.6	28.8
SA17	18.9	23.1	17.0	3.0	16.4	30.5
SA18	20.0	24.4	18.0	3.0	15.5	32.2
SA20	22.2	27.1	20.0	3.0	13.9	35.8
SA22	24.4	29.8	22.0	3.0	12.7	39.4
SA24	26.7	32.6	24.0	3.0	11.6	43.0
SA26	28.9	35.3	26.0	3.0	10.7	46.6
SA28	31.1	38.0	28.0	3.0	9.9	50.1
SA30	33.3	40.7	30.0	3.0	9.3	53.5
SA33	36.7	44.9	33.0	3.0	8.6	59.0
SA36	40.0	48.9	36.0	3.0	7.8	64.3
SA40	44.4	54.3	40.0	3.0	7.0	71.4
SA43	47.8	58.4	43.0	3.0	6.5	76.7
SA45	50.0	61.1	45.0	3.0	6.2	80.3
SA48	53.3	65.2	48.0	3.0	5.8	85.5
SA51	56.7	69.3	51.0	3.0	5.5	91.1
SA54	60.0	73.3	54.0	3.0	5.2	96.3
SA58	64.4	78.7	58.0	3.0	4.9	103.0
SA60	66.7	81.5	60.0	3.0	4.7	107.0
SA64	71.1	86.9	64.0	3.0	4.4	114.0
SA70	77.8	95.1	70.0	3.0	4.0	125.0
SA75	83.3	102.0	75.0	3.0	3.7	134.0
SA78	86.7	106.0	78.0	3.0	3.6	139.0
SA85	94.4	115.0	85.0	3.0	3.3	151.0
SA90	100	122.0	90.0	3.0	3.1	160.0
SA100	111	136.0	100.0	3.0	2.8	179.0
SA110	122	149.0	110.0	3.0	2.6	196.0
SA120	133	163.0	120.0	3.0	2.3	214.0
SA130	144	176.0	130.0	3.0	2.2	230.0
SA150	167	204.0	150.0	3.0	1.9	288.0
SA160	178	218.0	160.0	3.0	1.7	257.0
SA170	189	209.0	170.0	3.0	1.8	275.0

TVS 400 Вт, корп. DO-41; TVS 600 Вт, корп. DO-15; TVS 1500 Вт, корп. DO-201										
Наименование			Напряж. открыв., В		Напр. закрыв. (обр.), В	Макс. ток утечки, мкА	Макс. имп. ток, А			Макс. напр., В
			400 Вт	600 Вт			400 Вт	600 Вт	1500 Вт	
P4KE6.8	P6KE6.8	1.5KE6.8 (1N6267)	6.12	7.48	5.50	1000	38.0	56.0	139.0	10.8
P4KE7.5	P6KE7.5	1.5KE7.5 (1N6268)	6.75	8.25	6.05	500	36.0	51.0	128.0	11.7
P4KE8.2	P6KE8.2	1.5KE8.2 (1N6269)	7.38	9.02	6.63	200	33.0	48.0	120.0	12.5
P4KE9.1	P6KE9.1	1.5KE9.1 (1N6270)	8.19	10.0	7.37	50	30.0	44.0	109.0	13.8
P4KE10	P6KE10	1.5KE10 (1N6271)	9.00	11.0	8.10	10	28.0	40.0	100.0	15.0
P4KE11	P6KE11	1.5KE11 (1N6272)	9.90	12.1	8.92	5.0	26.0	37.0	93.0	16.2
P4KE12	P6KE12	1.5KE12 (1N6273)	10.8	13.2	9.72	5.0	24.0	35.0	87.0	17.3
P4KE13	P6KE13	1.5KE13 (1N6274)	11.7	14.3	10.5	5.0	22.0	35.0	79.0	19.0
P4KE15	P6KE15	1.5KE15 (1N6275)	13.5	16.5	12.1	5.0	19.0	27.0	68.0	22.0
P4KE16	P6KE16	1.5KE16 (1N6276)	14.3	17.6	12.9	5.0	18.0	26.0	64.0	23.5
P4KE18	P6KE18	1.5KE18 (1N6277)	16.2	19.8	14.5	5.0	16.0	23.0	56.5	26.5
P4KE20	P6KE20	1.5KE20 (1N6278)	18.0	22.0	16.2	5.0	14.0	21.0	51.5	29.1
P4KE22	P6KE22	1.5KE22 (1N6279)	19.8	24.2	17.8	5.0	13.0	19.0	47.0	31.9
P4KE24	P6KE24	1.5KE24 (1N6280)	21.6	26.4	19.4	5.0	12.0	17.0	43.0	34.7
P4KE27	P6KE27	1.5KE27 (1N6281)	24.3	29.7	21.8	5.0	11.0	15.0	38.5	39.1
P4KE30	P6KE30	1.5KE30 (1N6282)	27.0	33.0	24.3	5.0	10.0	14.0	34.5	43.5
P4KE33	P6KE33	1.5KE33 (1N6283)	29.7	36.3	26.8	5.0	9.0	12.6	31.5	47.7
P4KE36	P6KE36	1.5KE36 (1N6284)	32.4	39.6	29.1	5.0	8.0	11.6	33.0	52.0
P4KE39	P6KE39	1.5KE39 (1N6285)	35.1	42.9	31.6	5.0	7.4	10.6	26.5	56.4
P4KE43	P6KE43	1.5KE43 (1N6286)	38.7	47.3	34.8	5.0	6.8	9.6	24.0	61.9
P4KE47	P6KE47	1.5KE47 (1N6287)	42.3	51.7	38.1	5.0	6.2	8.9	22.2	67.8
P4KE51	P6KE51	1.5KE51 (1N6288)	45.9	56.1	41.3	5.0	5.7	8.2	20.4	73.5
P4KE56	P6KE56	1.5KE56 (1N6289)	50.4	61.6	45.4	5.0	5.2	7.4	18.6	80.5
P4KE62	P6KE62	1.5KE62 (1N6290)	55.8	68.2	50.2	5.0	4.7	6.8	16.9	89.0
P4KE68	P6KE68	1.5KE68 (1N6291)	61.2	74.8	55.1	5.0	4.3	6.1	15.3	98.0
P4KE75	P6KE75	1.5KE75 (1N6292)	67.5	82.5	60.7	5.0	3.9	5.5	13.9	108.0
P4KE82	P6KE82	1.5KE82 (1N6293)	73.8	90.2	66.4	5.0	3.6	5.1	12.7	118.0
P4KE91	P6KE91	1.5KE91 (1N6294)	81.9	100.0	73.7	5.0	3.2	4.5	11.4	131.8
P4KE100	P6KE100	1.5KE100 (1N6295)	90.0	110.0	81.0	5.0	2.9	4.2	10.4	144.0
P4KE110	P6KE110	1.5KE110 (1N6296)	99.0	121.0	89.2	5.0	2.7	3.8	9.5	158.0
P4KE120	P6KE120	1.5KE120 (1N6297)	108.0	132.0	97.2	5.0	2.4	3.5	8.7	173.0
P4KE130	P6KE130	1.5KE130 (1N6298)	117.0	143.0	105.0	5.0	2.2	3.2	8.0	187.0
P4KE150	P6KE150	1.5KE150 (1N6299)	135.0	165.0	121.0	5.0	2.0	2.8	7.0	215.0
P4KE160	P6KE160	1.5KE160 (1N6300)	144.0	176.0	130.0	5.0	1.8	2.6	6.5	230.0
P4KE170	P6KE170	1.5KE170 (1N6301)	153.0	187.0	138.0	5.0	1.7	2.5	6.2	244.0
P4KE180	P6KE180	1.5KE180 (1N6302)	162.0	198.0	146.0	5.0	1.6	2.3	5.8	258.0
P4KE200	P6KE200	1.5KE200 (1N6303)	180.0	220.0	162.0	5.0	1.5	2.1	5.2	287.0
P4KE220	P6KE220	1.5KE220 -	198.0	242.0	175.0	5.0	1.16	1.75	4.3	344.0
P4KE250	P6KE250	1.5KE250 -	225.0	275.0	202.0	5.0	1.11	1.67	5.0	360.0
P4KE300	P6KE300	1.5KE300 -	270.0	330.0	243.0	5.0	0.93	1.4	5.0	430.0
P4KE350	P6KE350	1.5KE350 -	315.0	385.0	284.0	5.0	0.79	1.2	5.0	504.0
P4KE400	P6KE400	1.5KE400 -	360.0	440.0	324.0	5.0	0.70	1.05	4.0	572.0
P4KE440	P6KE440	1.5KE440 -	396.0	484.0	356.0	5.0	0.64	0.95	2.3	630.0

В названии двунаправленных приборов добавляется суффикс «CA» (напр. 1.5KE12 - однонаправленный, 1.5KE12CA - двунаправленный). Температурный диапазон: -65 ... +175°C.

TVS 600 Вт, корпус SMB						
Наим-е	Напряж. открыв., В		Напр. закрыв. (обр.), В	Макс. ток утечки, мкА	Макс. имп. ток, А	Макс. напр., В
	мин.	макс.				
SMBJ5.0	6.40	7.55	5.0	800	62.5	9.6
SMBJ6.0	6.67	8.45	5.0	800	52.6	11.4
SMBJ6.5	7.22	9.14	6.5	500	48.7	12.3
SMBJ7.0	7.78	9.86	6.5	200	45.1	13.3
SMBJ7.5	8.33	10.67	7.5	100	42.0	14.3
SMBJ8.0	8.89	11.30	8.0	50	40.0	15.0
SMBJ8.5	9.44	11.90	8.5	20	37.1	15.9
SMBJ9.0	10.0	12.60	9.0	10	35.5	16.9
SMBJ10	11.1	14.10	10.0	5.0	31.9	18.8
SMBJ11	12.2	15.40	11.0	5.0	29.9	20.1
SMBJ12	13.3	16.90	12.0	5.0	27.3	22.0
SMBJ13	14.4	18.20	13.0	5.0	25.2	23.8
SMBJ14	15.6	19.80	14.0	5.0	23.3	25.8
SMBJ15	16.7	21.10	15.0	5.0	22.3	26.9
SMBJ16	17.8	22.60	16.0	5.0	20.8	28.8
SMBJ17	18.9	23.90	17.0	5.0	19.7	30.5
SMBJ18	20.0	25.30	18.0	5.0	18.6	32.2
SMBJ20	22.2	28.10	20.0	5.0	16.7	35.8
SMBJ22	24.4	30.90	22.0	5.0	15.2	39.4
SMBJ24	26.7	33.80	24.0	5.0	14.0	43.0
SMBJ26	28.9	36.60	26.0	5.0	12.4	46.6
SMBJ28	31.1	39.40	28.0	5.0	12.0	50.1

TVS 600 Вт, корпус SMB						
Наим-е	Напряж. открыв., В		Напр. закрыв. (обр.), В	Макс. ток утечки, мкА	Макс. имп. ток, А	Макс. напр., В
	мин.	макс.				
SMBJ36	40.00	50.70	36.0	5.0	9.3	64.3
SMBJ40	44.40	56.30	40.0	5.0	8.4	71.4
SMBJ43	47.80	60.50	43.0	5.0	7.8	76.7
SMBJ45	50.00	63.30	45.0	5.0	7.5	80.3
SMBJ48	53.30	67.50	48.0	5.0	7.0	85.5
SMBJ51	56.70	71.80	51.0	5.0	6.6	91.1
SMBJ54	60.00	76.00	54.0	5.0	6.2	96.3
SMBJ58	64.40	81.60	58.0	5.0	5.8	103.0
SMBJ60	66.70	84.50	60.0	5.0	5.6	107.0
SMBJ64	71.10	90.10	64.0	5.0	5.3	114.0
SMBJ70	77.80	98.60	70.0	5.0	4.8	125.0
SMBJ75	83.30	105.70	75.0	5.0	4.5	134.0
SMBJ78	86.70	109.90	78.0	5.0	4.3	139.0
SMBJ85	94.40	119.20	85.0	5.0	3.9	151.0
SMBJ90	100	126.50	90.0	5.0	3.8	160.0
SMBJ100	111	141.00	100.0	5.0	3.4	179.0
SMBJ110	122	154.50	110.0	5.0	3.0	196.0
SMBJ120	133	169.00	120.0	5.0	2.8	214.0
SMBJ130	144					