Transient Voltage Suppressors *(1.5KE and JEDEC Series)*

1500 Watt Peak Power Rating/DO-201

Industry Type Number	JEDEC Type Number	V_{WM}	V_{BR} @ I_T		I_T	MAX I_D @ V_{WM}	MAX V_C @ I_{PP}	I_{PP}	ΔV_{BR}
			MIN	MAX					
See Notes		V	VDC		mADC	µA DC	V	A	%/°C
1.5KE6.8	1N6267	5.50	6.12	7.48	10	1000	10.8	139	.057
1.56KE7.5	1N6268	6.05	6.75	8.25	10	500	11.7	128	.061
1.5KE8.2	1N6269	6.63	7.38	9.02	10	200	12.5	120	.065
1.5KE9.1	1N6270	7.37	8.19	10.0	1	50	13.8	109	.068
1.5KE10	1N6271	8.10	9.0	11.0	1	10	15.0	100	.073
1.5KE11	1N6272	8.92	9.9	12.1	1	5	16.2	93	.075
1.5KE12	1N6273	9.72	10.8	13.2	1	5	17.3	87	.078
1.5KE13	1N6274	10.5	11.7	14.3	1	5	19.0	79	.081
1.5KE15	1N6275	12.1	13.5	16.5	1	5	22.0	68	.084
1.5KE16	1N6276	12.9	14.4	17.6	1	5	23.5	64	.086
1.5KE18	1N6277	14.5	16.2	19.8	1	5	26.5	56.5	.088
1.5KE20	1N6278	16.2	18.0	22.0	1	5	29.1	51.5	.090
1.5KE22	1N6279	17.8	19.8	24.2	1	5	31.9	47	.092
1.5KE24	1N6280	19.4	21.6	26.4	1	5	34.7	43	.094
1.5KE27	1N6281	21.8	24.3	29.7	1	5	39.1	38.5	.096
1.5KE30	1N6282	24.3	27.0	33.0	1	5	43.5	34.5	.097
1.5KE33	1N6283	26.8	29.7	36.3	1	5	47.7	31.5	.098
1.5KE36	1N6284	29.1	32.4	39.6	1	5	52.0	29	.099
1.5KE39	1N6285	31.6	35.1	42.9	1	5	56.4	26.5	.100
1.5KE43	1N6286	34.8	38.7	47.3	1	5	61.9	24	.101
1.5KE47	1N6287	38.1	42.3	51.7	1	5	67.8	22.2	.101
1.5KE51	1N6288	41.3	45.9	56.1	1	5	73.5	20.4	.102
1.5KE56	1N6289	45.4	50.4	61.6	1	5	80.5	18.6	.103
1.5KE62	1N6290	50.2	55.8	68.2	1	5	89.0	16.9	.104
1.5KE68	1N6291	55.1	61.2	74.8	1	5	98.0	15.3	.104
1.5KE75	1N6292	60.7	67.5	82.5	1	5	108	13.9	.105
1.5KE82	1N6293	66.4	73.8	90.2	1	5	118	12.7	.105
1.5KE91	1N6294	73.7	81.9	100	1	5	131	11.4	.106
1.5KE100	1N6295	81.0	90.0	110	1	5	144	10.4	.106
1.5KE110	1N6296	89.2	99.0	121	1	5	158	9.5	.107
1.5KE120	1N6297	97.2	108	132	1	5	173	8.7	.107
1.5KE130	1N6298	105	117	143	1	5	187	8.0	.107
1.5KE150	1N6299	121	135	165	1	5	215	7.0	.108
1.5KE160	1N6300	130	144	176	1	5	230	6.5	.108
1.5KE170	1N6301	138	153	187	1	5	244	6.2	.108
1.5KE180	1N6302	146	162	198	1	5	258	5.8	.108
1.5KE200	1N6303	162	180	220	1	5	287	5.2	.108
1.5KE220		175	198	242	1	5	344	4.3	.108
1.5KE250		202	225	275	1	5	360	5.0	.108
1.5KE300		243	270	330	1	5	430	5.0	.108
1.5KE350		284	315	385	1	5	504	4.0	.108
1.5KE400		324	360	440	1	5	574	4.0	.108

Industry Type Number	JEDEC Type Number	V_{WM}	V_{BR} @ I_T		I_T	MAX I_D @ V_{WM}	MAX V_C @ I_{PP}	I_{PP}	ΔV_{BR}
			MIN	MAX					
See Notes		V	VDC		mADC	µA DC	V	A	%/°C
1.5KE6.8A	1N6267A	5.80	6.45	7.14	10	1000	10.5	143	.057
1.56KE7.5A	1N6268A	6.40	7.13	7.88	10	500	11.3	132	.061
1.5KE8.2A	1N6269A	7.02	7.79	8.61	10	200	12.1	124	.065
1.5KE9.1A	1N6270A	7.78	8.65	9.55	1	50	13.4	112	.068
1.5KE10A	1N6271A	8.55	9.5	10.5	1	10	14.5	103	.073
1.5KE11A	1N6272A	9.40	10.5	11.6	1	5	15.6	96	.075
1.5KE12A	1N6273A	10.2	11.4	12.6	1	5	16.7	90	.078
1.5KE13A	1N6274A	11.1	12.4	13.7	1	5	18.2	82	.081
1.5KE15A	1N6275A	12.8	14.3	15.8	1	5	21.2	71	.084
1.5KE16A	1N6276A	13.6	15.2	16.8	1	5	22.5	67	.086
1.5KE18A	1N6277A	15.3	17.1	18.9	1	5	25.2	59.5	.088
1.5KE20A	1N6278A	17.1	19.0	21.0	1	5	27.7	54	.090
1.5KE22A	1N6279A	18.8	20.9	23.1	1	5	30.6	49	.092
1.5KE24A	1N6280A	20.5	22.8	25.2	1	5	33.2	45	.094
1.5KE27A	1N6281A	23.1	25.7	28.4	1	5	37.5	40	.096
1.5KE30A	1N6282A	25.6	28.5	31.5	1	5	41.4	36	.097
1.5KE33A	1N6283A	28.2	31.4	34.7	1	5	45.7	33	.098
1.5KE36A	1N6284A	30.8	34.2	37.8	1	5	49.9	30	.099
1.5KE39A	1N6285A	33.3	37.1	41.0	1	5	53.9	28	.100
1.5KE43A	1N6286A	36.8	40.9	45.2	1	5	59.3	25.3	.101
1.5KE47A	1N6287A	40.2	44.7	49.4	1	5	64.8	23.2	.101
1.5KE51A	1N6288A	43.6	48.5	53.6	1	5	70.1	21.4	.102
1.5KE56A	1N6289A	47.8	53.2	58.8	1	5	77.0	19.5	.103
1.5KE62A	1N6290A	53.0	58.9	65.1	1	5	85	17.7	.104
1.5KE68A	1N6291A	58.1	64.6	71.4	1	5	92	16.3	.104
1.5KE75A	1N6292A	64.1	71.3	78.8	1	5	103	14.6	.105
1.5KE82A	1N6293A	70.1	77.9	86.1	1	5	113	13.3	.105
1.5KE91A	1N6294A	77.8	86.5	95.5	1	5	125	12	.106
1.5KE100A	1N6295A	85.5	95	105	1	5	137	11	.106
1.5KE110A	1N6296A	94.0	105	116	1	5	152	9.9	.107
1.5KE120A	1N6297A	102	114	126	1	5	165	9.1	.107
1.5KE130A	1N6298A	111	124	137	1	5	179	8.4	.107
1.5KE150A	1N6299A	128	143	158	1	5	207	7.2	.108
1.5KE160A	1N6300A	136	152	168	1	5	219	6.8	.108
1.5KE170A	1N6301A	145	162	179	1	5	234	6.4	.108
1.5KE180A	1N6302A	154	171	189	1	5	246	6.1	.108
1.5KE200A	1N6303A	171	190	210	1	5	274	5.5	.108
1.5KE220A		185	209	231	1	5	328	4.6	.108
1.5KE250A		214	237	263	1	5	344	5.0	.108
1.5KE300A		256	285	315	1	5	414	5.0	.108
1.5KE350A		300	332	368	1	5	482	4.0	.108
1.5KE400A		342	380	420	1	5	548	4.0	.108

OPERATING/STORAGE TEMPERATURE -55°C to +175°C

Notes: 1) Add Suffix 'C' or 'CA' after Part Number for Bi-directional devices.
2) For Bi-directional types with V_{WM} of 10 volts or less, the maximum leakage current (I_D) specification is doubled.
3) JEDEC types are not available as Bi-directional devices.

SYMBOLS AND ABBREVIATIONS:
V_{WM} = Rated Stand-Off Voltage
I_{PP} = Peak Pulse Current
V_C(Max) = Maximum Clamping Voltage
V_{BR} = Breakdown Voltage
I_T = Test Current
I_D = Reverse Leakage
ΔV_{BR} = Max. Temp. Coefficient of V_{BR}(TA = -55 to100°C)