

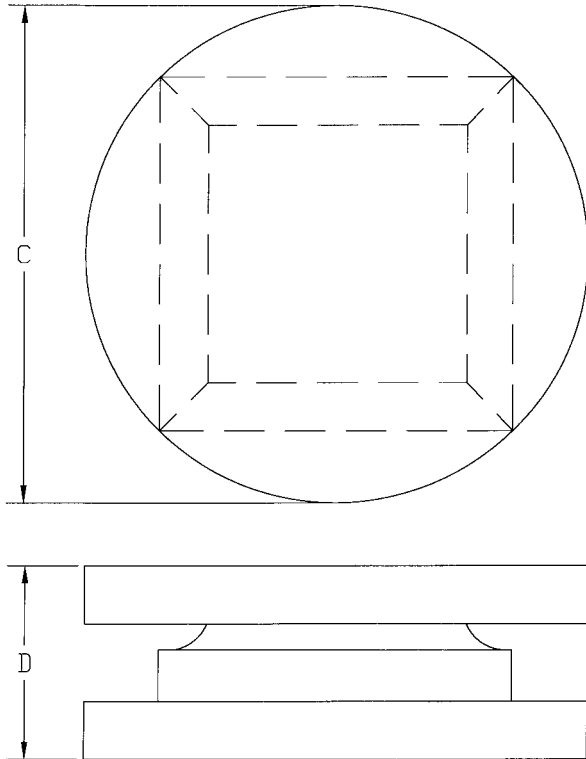


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12251 TOWN LAKE DRIVE, FORT MYERS, FLORIDA, 33913 • TEL: (941) 768-6800 • FAX: (941) 768-6868

**600 AND 1500 WATT UNIPOLAR
TRANSIENT SUPPRESSOR CELL**



PLEASE NOTE: DRAWINGS ARE NOT TO SCALE.
REFER TO TABLE 1D FOR COMPLETE DIMENSIONS

TABLE 1D - CELL DIMENSION SPECIFICATIONS

♦ ALL TOLERANCES ARE ± .005" ♦ ALL DIMENSIONS ARE IN

SIZE CODE	C	D	CHIP DIMENSION
3	0.130	0.033	.085 SQUARE
16	0.160	0.033	.115 SQUARE

GLASS PASSIVATED UNIPOLAR TRANSIENT SUPPRESSOR CELL

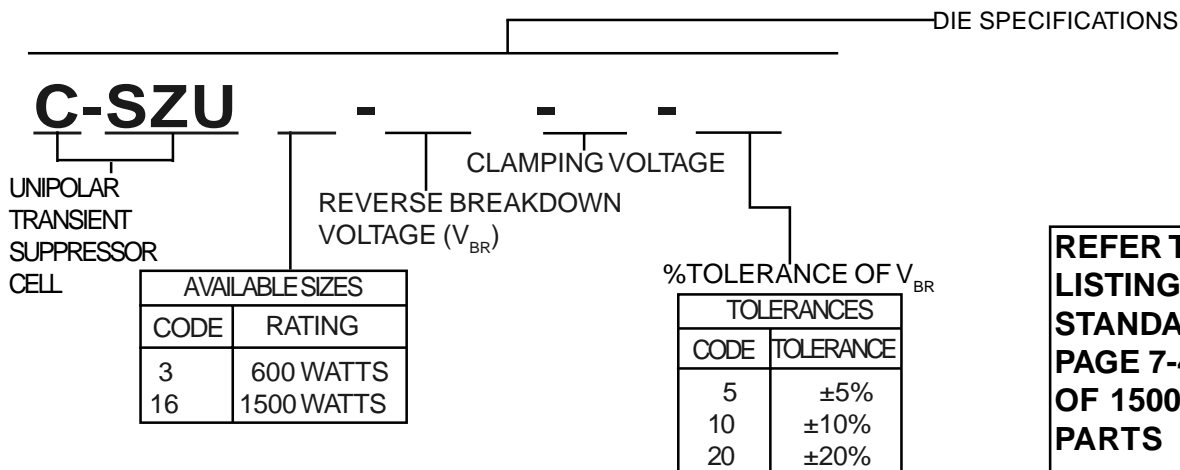
600 AND 1500 WATT MAXIMUM POWER HANDLING

REVERSE VOLTAGES - 6.8 TO 440 VOLTS

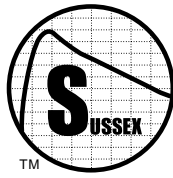
600 AND 1500 WATT UNIPOLAR CELL SPECIFICATIONS

- ♦ Used in Hybrid Connector and Telecom Applications Where Axial Leaded Devices Are Physically Too Large or Have Too Great an Inductance
- ♦ Each Die Fully Glass Passivated: Needs No Encapsulation
- ♦ Electrical Equivalent to P6KE and 1.5KE Axial Leaded Devices
- ♦ Each Device Individually Inspected
- ♦ Unipolar
- ♦ Operating Temperature: -65 to 150°C
- ♦ Storage Temperature: -65 to 175°C
- ♦ Tab Metallization OFHC Copper Solder Plated: 95Pb/5Sn

CUSTOM ORDERING SPECIFIER



REFER TO PAGE 7-39 FOR A LISTING OF 600 WATT STANDARD PARTS AND PAGE 7-42 FOR A LISTING OF 1500 WATT STANDARD PARTS



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600 WATT TRANSIENT SUPPRESSOR CELL SPECIFICATIONS

TABLE 3D - 600 WATT TRANSIENT SUPPRESSOR CELL ELECTRICAL SPECIFICATIONS (NOTE 1)

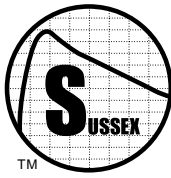
INDUSTRY STANDARD PART NUMBERS (NOTE 2) 600 WATT P6KE SERIES	SUSSEX ORDER CODE REFER TO PAGE 7-41 FOR ORDER SPECIFIER	STANDOFF VOLTAGE (V _{SO}) Volts	MAX. REVERSE LEAKAGE (I _R)@ V _{SO} (NOTE 3) µA	REVERSE BREAKDOWN VOLTAGE (V _{BR}) @ I _T		TEST CURRENT (I _T) mA	MAX. CLAMPING VOLTAGE (V _{CL}) @ PEAK PULSE CURRENT (I _{PP}) (NOTE 4)		MAX. TEMP. COEFFICIENT OF V _{BR} (%/°C)
				MIN. Volts	MAX. Volts		V _{CL} Volts	I _{PP} Amps	
				P6KE6.8	6.8-10.8-10		5.50	1000	
P6KE6.8A	6.8-10.5-5	5.80	1000	6.45	7.14	10	10.5	60.0	0.057
P6KE7.5	7.5-11.7-10	6.05	500	6.75	8.25	10	11.7	53.0	0.061
P6KE7.5A	7.5-11.3-5	6.40	500	7.13	7.88	10	11.3	55.0	0.061
P6KE8.2	8.2-12.5-10	6.63	200	7.38	9.02	10	12.5	50.0	0.065
P6KE8.2A	8.2-12.1-5	7.02	200	7.79	8.61	10	12.1	52.0	0.065
P6KE9.1	9.1-13.8-10	7.37	50	8.19	10.00	1	13.8	45.0	0.068
P6KE9.1A	9.1-13.4-5	7.78	50	8.65	9.55	1	13.4	47.0	0.068
P6KE10	10-15.0-10	8.10	10	9.00	11.00	1	15.0	42.0	0.073
P6KE10A	10-14.5-5	8.55	10	9.50	10.50	1	14.5	43.0	0.073
P6KE11	11-16.2-10	8.92	5.0	9.90	12.10	1	16.2	38.0	0.075
P6KE11A	11-15.6-5	9.40	5.0	10.50	11.60	1	15.6	40.0	0.075
P6KE12	12-17.3-10	9.72	5.0	10.80	13.20	1	17.3	36.0	0.078
P6KE12A	12-16.7-5	10.20	5.0	11.40	12.60	1	16.7	37.0	0.078
P6KE13	13-19.0-10	10.50	5.0	11.70	14.30	1	19.0	33.0	0.061
P6KE13A	13-18.2-5	11.10	5.0	12.40	13.70	1	18.2	34.0	0.081
P6KE15	15-22.0-10	12.10	5.0	13.50	16.50	1	22.0	28.0	0.084
P6KE15A	15-21.2-5	12.80	5.0	14.30	15.80	1	21.2	29.0	0.084
P6KE16	16-23.5-10	12.90	5.0	14.40	17.60	1	23.5	26.0	0.086
P6KE16A	16-22.5-5	13.60	5.0	15.20	16.80	1	22.5	28.0	0.086
P6KE18	18-26.5-10	14.50	5.0	16.20	19.80	1	26.5	23.0	0.088
P6KE18A	18-25.2-5	15.30	5.0	17.10	18.90	1	25.2	25.0	0.088
P6KE20	20-29.1-10	16.20	5.0	18.00	22.00	1	29.1	21.0	0.090
P6KE20A	20-27.7-5	17.10	5.0	19.00	21.00	1	27.7	22.0	0.090
P6KE22	22-31.9-10	17.80	5.0	19.80	24.20	1	31.9	19.0	0.092
P6KE22A	22-30.6-5	18.80	5.0	20.90	23.10	1	30.6	20.0	0.092
P6KE24	24-34.7-10	19.40	5.0	21.60	26.40	1	34.7	18.0	0.091
P6KE24A	24-33.2-5	20.50	5.0	22.80	25.20	1	33.2	19.0	0.094
P6KE27	27-39.1-10	21.80	5.0	24.30	29.70	1	39.0	16.0	0.096
P6KE27A	27-37.5-5	23.10	5.0	25.70	28.40	1	37.5	16.8	0.096
P6KE30	30-43.5-10	24.30	5.0	27.00	33.00	1	43.5	14.0	0.097
P6KE30A	30-41.4-5	25.60	5.0	28.50	31.50	1	41.4	15.0	0.097
P6KE33	33-47.7-10	26.80	5.0	29.70	36.30	1	47.7	13.0	0.098
P6KE33A	33-45.7-5	28.20	5.0	31.40	34.70	1	45.7	13.8	0.098
P6KE36	36-52.0-10	29.10	5.0	32.40	39.60	1	52.0	12.0	0.099
P6KE36A	36-49.9-5	30.80	5.0	34.20	37.80	1	49.9	12.6	0.099
P6KE39	39-56.4-10	31.60	5.0	35.10	42.90	1	56.4	11.1	0.100
P6KE39A	39-53.9-5	33.30	5.0	37.10	41.00	1	53.9	11.6	0.100
P6KE43	43-61.9-10	34.80	5.0	38.70	47.30	1	61.9	10.0	0.101
P6KE43A	43-59.3-5	36.80	5.0	40.90	45.20	1	59.3	10.6	0.101
P6KE47	47-67.8-10	38.10	5.0	42.30	51.70	1	67.8	9.2	0.101
P6KE47A	47-64.8-5	40.20	5.0	44.70	49.40	1	64.8	9.7	0.101
P6KE51	51-70.1-10	41.30	5.0	45.90	56.10	1	73.5	8.5	0.102

THIS TABLE CONTINUES

NOTES

- NOTE 1:** ♦ ELECTRICAL CHARACTERISTICS ARE AT A JUNCTION TEMPERATURE (T_J) OF 25°C
- NOTE 2:** ♦ FOR BIPOLAR DEVICES WITH A V_{BR} OF 10 VOLTS OR LESS, THE I_R LIMIT IS DOUBLED
- NOTE 3:** ♦ INDUSTRY STANDARD PART NUMBERS REFER TO PACKAGED DEVICES. THE DIES INDICATED BY THESE NUMBERS, IF PROPERLY PACKAGED, WILL OPERATE WITH THE SAME PERFORMANCE.

- NOTE 4:** ♦ SURGE CURRENT WAVEFORM SHOWN IN FIGURE 2D ON PAGE 7-41
- ♦ PEAK PULSE POWER DERATING SHOWN IN FIGURE 3D ON PAGE 7-41



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600 WATT TRANSIENT SUPPRESSOR CELL SPECIFICATIONS

TABLE 3D - 600 WATT TRANSIENT SUPPRESSOR CELL ELECTRICAL SPECIFICATIONS (NOTE 1)

INDUSTRY STANDARD PART NUMBERS (NOTE 2) 600 WATT P6KE SERIES	SUSSEX ORDER CODE REFER TO PAGE 7-41 FOR ORDER SPECIFIER	STANDOFF VOLTAGE (V _{SO}) Volts	MAX. REVERSE LEAKAGE (I _R) @ V _{SO} (NOTE 3) µA	REVERSE BREAKDOWN VOLTAGE (V _{BR}) @ I _T		TEST CURRENT (I _T) mA	MAX. CLAMPING VOLTAGE (V _{CL}) @ PEAK PULSE CURRENT (I _{PP}) (NOTE 4)		MAX. TEMP. COEFFICIENT OF V _{BR} (%/°C)
				MIN. Volts	MAX. Volts		V _{CL} Volts	I _{PP} Amps	
				P6KE51A	51-70.1-5		43.60	5.0	
P6KE56	56-80.5-10	45.40	5.0	50.40	61.60	1	80.5	7.8	0.103
P6KE56A	56-77.0-5	47.80	5.0	53.20	58.80	1	77.0	8.1	0.103
P6KE62	62-89.0-10	50.20	5.0	55.80	68.20	1	89.0	7.0	0.104
P6KE62A	62-85.0-5	53.00	5.0	58.90	65.10	1	85.0	7.4	0.104
P6KE68	68-96.0-10	55.10	5.0	61.20	74.80	1	96.0	6.4	0.104
P6KE68A	68-92.0-5	58.10	5.0	64.60	71.40	1	92.0	6.8	0.104
P6KE75	75-108.0-10	60.70	5.0	67.50	82.50	1	108.0	5.8	0.105
P6KE75A	75-103.0-5	64.10	5.0	71.30	78.80	1	103.0	6.1	0.105
P6KE82	82-118.0-10	66.40	5.0	73.80	90.20	1	118.0	5.3	0.105
P6KE82A	82-113.0-5	70.10	5.0	77.90	86.10	1	113.0	5.5	0.105
P6KE91	91-131.0-10	73.70	5.0	81.90	100.00	1	131.0	4.8	0.106
P6KE91A	91-125.0-5	77.80	5.0	86.50	95.50	1	125.0	5.0	0.106
P6KE100	100-144.0-10	81.00	5.0	90.00	110.00	1	144.0	4.3	0.106
P6KE100A	100-137.0-5	85.50	5.0	95.00	105.00	1	137.0	4.5	0.106
P6KE110	110-158.0-10	89.20	5.0	99.00	121.00	1	158.0	3.9	0.107
P6KE110A	110-152.0-5	94.00	5.0	105.00	116.00	1	152.0	4.1	0.107
P6KE120	120-173.0-10	97.20	5.0	108.00	132.00	1	173.0	3.6	0.107
P6KE120A	120-165.0-5	102.00	5.0	114.00	126.00	1	165.0	3.8	0.107
P6KE130	130-187.0-10	105.00	5.0	117.00	143.00	1	187.0	3.3	0.107
P6KE130A	130-179.0-5	111.00	5.0	124.00	137.00	1	179.0	3.5	0.107
P6KE150	150-215.0-10	121.00	5.0	135.00	165.00	1	215.0	2.9	0.108
P6KE150A	150-207.0-5	128.00	5.0	143.00	158.00	1	207.0	3.0	0.108
P6KE160	160-230.0-10	130.00	5.0	144.00	176.00	1	230.0	2.7	0.108
P6KE160A	160-219.0-5	136.00	5.0	152.00	168.00	1	219.0	2.8	0.108
P6KE170	170-244.0-10	138.00	5.0	153.00	187.00	1	244.0	2.5	0.108
P6KE170A	170-234.0-5	145.00	5.0	162.00	179.00	1	234.0	2.6	0.108
P6KE180	180-256.0-10	146.00	5.0	162.00	198.00	1	256.0	2.4	0.108
P6KE180A	180-246.0-5	154.00	5.0	171.00	189.00	1	246.0	2.5	0.108
P6KE200	200-287.0-10	162.00	5.0	180.00	220.00	1	287.0	2.1	0.108
P6KE200A	200-274.0-5	171.00	5.0	190.00	210.00	1	274.0	2.2	0.108
P6KE220	220-344.0-10	175.00	5.0	198.00	242.00	1	344.0	1.8	0.108
P6KE220A	220-328.0-5	185.00	5.0	209.00	231.00	1	328.0	1.9	0.108
P6KE250	250-360.0-10	202.00	5.0	225.00	275.00	1	360.0	1.7	0.110
P6KE250A	250-344.0-5	214.00	5.0	237.00	263.00	1	344.0	1.8	0.110
P6KE300	300-430.0-10	243.00	5.0	270.00	330.00	1	430.0	1.4	0.110
P6KE300A	300-414.0-5	256.00	5.0	285.00	315.00	1	414.0	1.5	0.110
P6KE350	350-504.0-10	284.00	5.0	315.00	385.00	1	504.0	1.2	0.110
P6KE350A	350-482.0-5	300.00	5.0	332.00	368.00	1	482.0	1.3	0.110
P6KE400	400-574.0-10	324.00	5.0	360.00	440.00	1	571.0	1.9	0.110
P6KE400A	400-548.0-5	342.00	5.0	380.00	420.00	1	548.0	1.1	0.110
P6KE440	440-598.0-10	356.00	5.0	396.00	484.00	1	598.0	0.99	0.110
P6KE440A	440-590.0-5	376.00	5.0	418.00	462.00	1	590.0	1.04	0.110

NOTES

- NOTE 1:** ♦ ELECTRICAL CHARACTERISTICS ARE AT A JUNCTION TEMPERATURE (T_J) OF 25°C
- NOTE 2:** ♦ FOR BIPOLAR DEVICES WITH A V_{BR} OF 10 VOLTS OR LESS, THE I_R LIMIT IS DOUBLED
- NOTE 3:** ♦ INDUSTRY STANDARD PART NUMBERS REFER TO PACKAGED DEVICES. THE DIES INDICATED BY THESE NUMBERS, IF PROPERLY PACKAGED, WILL OPERATE WITH THE SAME PERFORMANCE.

- NOTE 4:** ♦ SURGE CURRENT WAVEFORM SHOWN IN FIGURE 2D ON PAGE 7-41
- ♦ PEAK PULSE POWER DERATING SHOWN IN FIGURE 3D ON PAGE 7-41



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**600 WATT CELL
SPECIFICATIONS CONTINUED**

ORDERING SPECIFIER

6.8 - 10.8 - 10

ORDER CODE FROM
PREVIOUS PAGES

TABLE 4D - AVAILABLE CELL SIZES

CODE	DIE TYPE	CELL SPECIFICATIONS REFER TO:
C-SZU3	600 WATT UNIPOLAR CELL	PAGE 7-37
C-SZZ3	600 WATT BIPOLAR CELL	PAGE 7-38

FIGURE 1D - TYPICAL JUNCTION CAPACITANCE

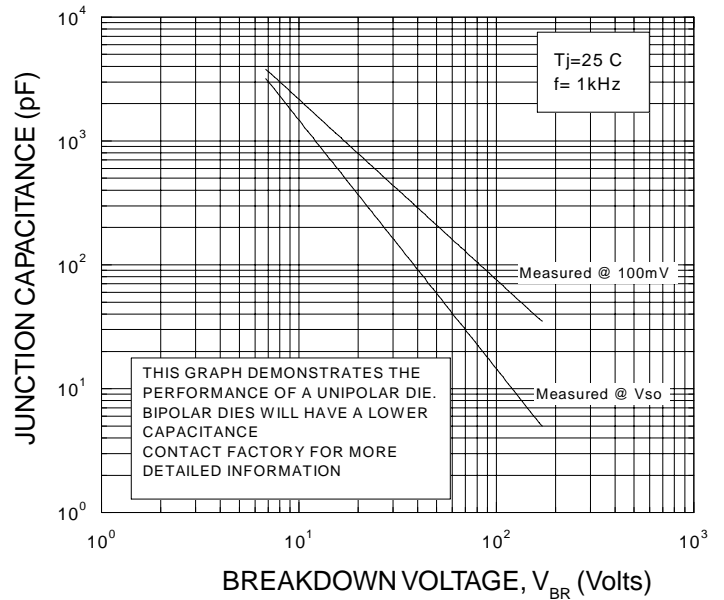


FIGURE 2D - PULSE WAVEFORM

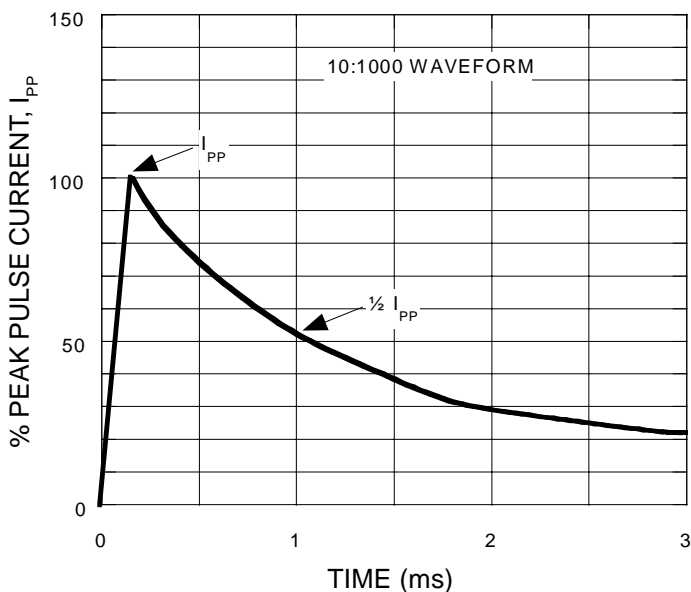
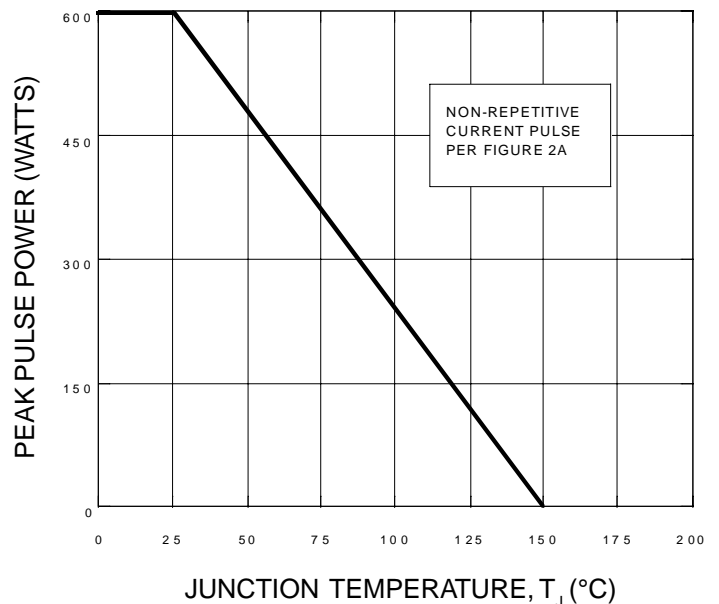
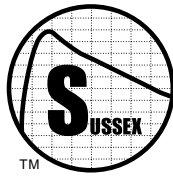


FIGURE 3D - PULSE DERATING CURVE





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1500 WATT TRANSIENT SUPPRESSOR CELL SPECIFICATIONS

TABLE 5D - 1500 WATT TRANSIENT SUPPRESSOR CELL ELECTRICAL SPECIFICATIONS (NOTE 1)

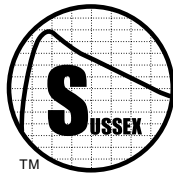
JEDEC PART NUMBERS (NOTE 2)	INDUSTRY STANDARD PART NUMBERS (NOTE 3) 1500 WATT 1.5KE SERIES	SUSSEX ORDER CODE REFER TO PAGE 7-44 FOR ORDER SPECIFIER	STANDOFF VOLTAGE (V _{SO}) Volts	MAX. REVERSE LEAKAGE (I _R) @ V _{SO} (NOTE 4) µA	REVERSE BREAKDOWN VOLTAGE (V _{BR}) @ I _T		TEST CURRENT (I _T) mA	MAX. CLAMPING VOLTAGE (V _{CL}) @ PEAK PULSE CURRENT (I _{PP}) (NOTE 5)		MAX. TEMP. COEFFICIENT OF V _{BR} (%/°C)
					MIN. Volts	MAX. Volts		V _{CL} Volts	I _{PP} Amps	
					1N6267	1.5KE6.8		6.8-10.8-10	5.50	
1N6267A	1.5KE6.8A	6.8-10.5-5	5.80	1000	6.45	7.14	10	10.5	143	0.057
1N6268	1.5KE7.5	7.5-11.7-10	6.05	500	6.75	8.25	10	11.7	128	0.061
1N6268A	1.5KE7.5A	7.5-11.3-5	6.40	500	7.13	7.88	10	11.3	132	0.061
1N6269	1.5KE8.2	8.2-12.5-10	6.63	200	7.38	9.02	10	12.5	120	0.065
1N6269A	1.5KE8.2A	8.2-12.1-5	7.02	200	7.79	8.61	10	12.1	124	0.065
1N6270	1.5KE9.1	9.1-13.8-10	7.37	50	8.19	10.00	1	13.8	109	0.068
1N6270A	1.5KE9.1A	9.1-13.4-5	7.78	50	8.65	9.55	1	13.4	112	0.068
1N6271	1.5KE10	10-15.0-10	8.10	10	9.00	11.00	1	15.0	100	0.073
1N6271A	1.5KE10A	10-14.5-5	8.55	10	9.50	10.50	1	14.5	103	0.073
1N6272	1.5KE11	11-16.2-10	8.92	5.0	9.90	12.10	1	16.2	93	0.075
1N6272A	1.5KE11A	11-15.6-5	9.40	5.0	10.50	11.60	1	15.6	96	0.075
1N6273	1.5KE12	12-17.3-10	9.72	5.0	10.80	13.20	1	17.3	87	0.078
1N6273A	1.5KE12A	12-16.7-5	10.20	5.0	11.40	12.60	1	16.7	90	0.078
1N6274	1.5KE13	13-19.0-10	10.50	5.0	11.70	14.30	1	19.0	79	0.061
1N6274A	1.5KE13A	13-18.2-5	11.10	5.0	12.40	13.70	1	18.2	82	0.081
1N6275	1.5KE15	15-22.0-10	12.10	5.0	13.50	16.50	1	22.0	68	0.084
1N6275A	1.5KE15A	15-21.2-5	12.80	5.0	14.30	15.80	1	21.2	71	0.084
1N6276	1.5KE16	16-23.5-10	12.90	5.0	14.40	17.60	1	23.5	64	0.086
1N6276A	1.5KE16A	16-22.5-5	13.60	5.0	15.20	16.80	1	22.5	67	0.086
1N6277	1.5KE18	18-26.5-10	14.50	5.0	16.20	19.80	1	26.5	56.5	0.088
1N6277A	1.5KE18A	18-25.2-5	15.30	5.0	17.10	18.90	1	25.2	59.5	0.088
1N6278	1.5KE20	20-29.1-10	16.20	5.0	18.00	22.00	1	29.1	51.5	0.090
1N6278A	1.5KE20A	20-27.7-5	17.10	5.0	19.00	21.00	1	27.7	54	0.090
1N6279	1.5KE22	22-31.9-10	17.80	5.0	19.80	24.20	1	31.9	47	0.092
1N6279A	1.5KE22A	22-30.6-5	18.80	5.0	20.90	23.10	1	30.6	49	0.092
1N6280	1.5KE24	24-34.7-10	19.40	5.0	21.60	26.40	1	34.7	43	0.091
1N6280A	1.5KE24A	24-33.2-5	20.50	5.0	22.80	25.20	1	33.2	45	0.094
1N6281	1.5KE27	27-39.1-10	21.80	5.0	24.30	29.70	1	39.1	38.5	0.096
1N6281A	1.5KE27A	27-37.5-5	23.10	5.0	25.70	28.40	1	37.5	40	0.096
1N6282	1.5KE30	30-43.5-10	24.30	5.0	27.00	33.00	1	43.5	34.5	0.097
1N6282A	1.5KE30A	30-41.4-5	25.60	5.0	28.50	31.50	1	41.4	36	0.097
1N6283	1.5KE33	33-47.7-10	26.80	5.0	29.70	36.30	1	47.7	31.5	0.098
1N6283A	1.5KE33A	33-45.7-5	28.20	5.0	31.40	34.70	1	45.7	33	0.098
1N6284	1.5KE36	36-52.0-10	29.10	5.0	32.40	39.60	1	52.0	29	0.099
1N6284A	1.5KE36A	36-49.9-5	30.80	5.0	34.20	37.80	1	49.9	30	0.099
1N6285	1.5KE39	39-56.4-10	31.60	5.0	35.10	42.90	1	56.4	26.5	0.100
1N6285A	1.5KE39A	39-53.9-5	33.30	5.0	37.10	41.00	1	53.9	28	0.100
1N6286	1.5KE43	43-61.9-10	34.80	5.0	38.70	47.30	1	61.9	24	0.101
1N6286A	1.5KE43A	43-59.3-5	36.80	5.0	40.90	45.20	1	59.3	25	0.101
1N6287	1.5KE47	47-67.8-10	36.10	5.0	42.30	51.70	1	67.8	22.2	0.101
1N6287A	1.5KE47A	47-64.8-5	40.20	5.0	44.70	49.40	1	64.8	23.2	0.101
1N6288	1.5KE51	51-70.1-10	41.30	5.0	45.90	56.10	1	73.5	20.4	0.102

THIS TABLE CONTINUES

NOTES

- NOTE 1:** ♦ ELECTRICAL CHARACTERISTICS ARE AT A JUNCTION TEMPERATURE (T_J) OF 25°C
- NOTE 2:** ♦ FOR BIPOLAR DEVICES WITH A V_{BR} OF 10 VOLTS OR LESS, THE I_R LIMIT IS DOUBLED
- NOTE 3:** ♦ INDUSTRY STANDARD PART NUMBERS REFER TO PACKAGED DEVICES. THE DIES INDICATED BY THESE NUMBERS, IF PROPERLY PACKAGED, WILL OPERATE WITH THE SAME PERFORMANCE.

- NOTE 4:** ♦ SURGE CURRENT WAVEFORM SHOWN IN FIGURE 2D ON PAGE 7-44
- ♦ PEAK PULSE POWER DERATING SHOWN IN FIGURE 3D ON PAGE 7-44



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1500 WATT TRANSIENT SUPPRESSOR CELL SPECIFICATIONS

TABLE 5D - 1500 WATT TRANSIENT SUPPRESSOR CELL ELECTRICAL SPECIFICATIONS (NOTE 1)

JEDEC PART NUMBERS (NOTE 2)	INDUSTRY STANDARD PART NUMBERS (NOTE 3) 1500 WATT 1.5KE SERIES	SUSSEX ORDER CODE REFER TO PAGE 7-44 FOR ORDER SPECIFIER	STANDOFF VOLTAGE (V _{SO}) Volts	MAX. REVERSE LEAKAGE (I _R) @ V _{SO} (NOTE 4) µA	REVERSE BREAKDOWN VOLTAGE (V _{BR}) @ I _T		TEST CURRENT (I _T) mA	MAX. CLAMPING VOLTAGE (V _{CL}) @ PEAK PULSE CURRENT (I _{PP}) (NOTE 5)		MAX. TEMP. COEFFICIENT OF V _{BR} (%/°C)
					MIN. Volts	MAX. Volts		V _{CL} Volts	I _{PP} Amps	
					1N6288A	1.5KE51A		51-70.1-5	43.60	
1N6289	1.5KE56	56-80.5-10	45.60	5.0	50.40	61.80	1	80.5	18.6	0.103
1N6289A	1.5KE56A	56-77.0-5	47.80	5.0	53.20	58.80	1	77.0	19.5	0.103
1N6290	1.5KE62	62-89.0-10	50.20	5.0	55.80	68.20	1	89.0	16.9	0.104
1N6290A	1.5KE62A	62-85.0-5	53.00	5.0	58.90	65.10	1	85.0	17.7	0.104
1N6291	1.5KE68	68-96.0-10	55.10	5.0	61.20	74.80	1	96.0	15.3	0.104
1N6291A	1.5KE68A	68-92.0-5	58.10	5.0	64.60	71.40	1	92.0	16.3	0.104
1N6292	1.5KE75	75-108.0-10	60.70	5.0	67.50	82.50	1	108.0	13.9	0.105
1N6292A	1.5KE75A	75-103.0-5	64.10	5.0	71.30	78.80	1	103.0	14.6	0.105
1N6293	1.5KE82	82-118.0-10	66.40	5.0	73.80	90.20	1	118.0	12.7	0.105
1N6293A	1.5KE82A	82-113.0-5	70.10	5.0	77.90	86.10	1	113.0	13.3	0.105
1N6294	1.5KE91	91-131.0-10	73.70	5.0	81.90	100.00	1	131.0	11.4	0.106
1N6294A	1.5KE91A	91-125.0-5	77.80	5.0	86.50	95.50	1	125.0	12	0.106
1N6295	1.5KE100	100-144.0-10	81.00	5.0	90.00	110.00	1	144.0	10.4	0.106
1N6295A	1.5KE100A	100-137.0-5	85.50	5.0	95.00	105.00	1	137.0	11	0.106
1N6296	1.5KE110	110-158.0-10	89.20	5.0	99.00	121.00	1	158.0	9.5	0.107
1N6296A	1.5KE110A	110-152.0-5	94.00	5.0	106.00	116.00	1	152.0	9.9	0.107
1N6297	1.5KE120	120-173.0-10	97.20	5.0	108.00	132.00	1	173.0	8.7	0.107
1N6297A	1.5KE120A	120-165.0-5	102.00	5.0	114.00	126.00	1	165.0	9.1	0.107
1N6298	1.5KE130	130-187.0-10	106.00	5.0	117.00	143.00	1	187.0	8	0.107
1N6298A	1.5KE130A	130-179.0-5	111.00	5.0	124.00	137.00	1	179.0	8.4	0.107
1N6299	1.5KE150	150-215.0-10	121.00	5.0	136.00	165.00	1	215.0	7	0.108
1N6299A	1.5KE150A	150-207.0-5	128.00	5.0	143.00	158.00	1	207.0	7.2	0.108
1N6300	1.5KE160	160-230.0-10	130.00	5.0	144.00	176.00	1	230.0	6.5	0.108
1N6300A	1.5KE160A	160-219.0-5	136.00	5.0	152.00	168.00	1	219.0	6.8	0.108
1N6301	1.5KE170	170-244.0-10	138.00	5.0	153.00	187.00	1	244.0	6.2	0.108
1N6301A	1.5KE170A	170-234.0-5	145.00	5.0	162.00	179.00	1	234.0	6.4	0.108
1N6302	1.5KE180	180-256.0-10	146.00	5.0	162.00	198.00	1	256.0	5.8	0.108
1N6302A	1.5KE180A	180-246.0-5	154.00	5.0	171.00	189.00	1	246.0	6.1	0.108
1N6303	1.5KE200	200-287.0-10	162.00	5.0	180.00	220.00	1	287.0	5.2	0.108
1N6303A	1.5KE200A	200-274.0-5	171.00	5.0	190.00	210.00	1	274.0	5.5	0.108
N/A	1.5KE220	220-344.0-10	175.00	5.0	196.00	242.00	1	344.0	4.3	0.108
N/A	1.5KE220A	220-328.0-5	185.00	5.0	209.00	231.00	1	328.0	4.6	0.108
N/A	1.5KE250	250-360.0-10	202.00	5.0	225.00	275.00	1	360.0	5	0.110
N/A	1.5KE250A	250-344.0-5	214.00	5.0	237.00	263.00	1	344.0	5	0.110
N/A	1.5KE300	300-430.0-10	243.00	5.0	270.00	330.00	1	430.0	5	0.110
N/A	1.5KE300A	300-414.0-5	256.00	5.0	285.00	315.00	1	414.0	5	0.110
N/A	1.5KE350	350-504.0-10	284.00	5.0	315.00	385.00	1	504.0	4	0.110
N/A	1.5KE350A	350-482.0-5	300.00	5.0	333.00	368.00	1	482.0	4	0.110
N/A	1.5KE400	400-574.0-10	324.00	5.0	360.00	440.00	1	574.0	4	0.110
N/A	1.5KE400A	400-548.0-5	342.00	5.0	380.00	420.00	1	548.0	4	0.110
N/A	1.5KE440	440-598.0-10	356.00	5.0	396.00	484.00	1	598.0	4	0.110
N/A	1.5KE440A	440-590.0-5	376.00	5.0	418.00	462.00	1	590.0	4	0.110

NOTES

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1500 WATT CELL SPECIFICATIONS CONTINUED

ORDERING SPECIFIER

6.8 - 10.8 - 10

ORDER CODE FROM
PREVIOUS PAGES

TABLE 6D - AVAILABLE CELL SIZES

CODE	DIE TYPE	CELL SPECIFICATIONS REFER TO:
C-SZU16	1500 WATT UNIPOLAR CELL	PAGE 7-37
C-SZZ16	1500 WATT BIPOLAR CELL	PAGE 7-38

FIGURE 1D - TYPICAL JUNCTION CAPACITANCE

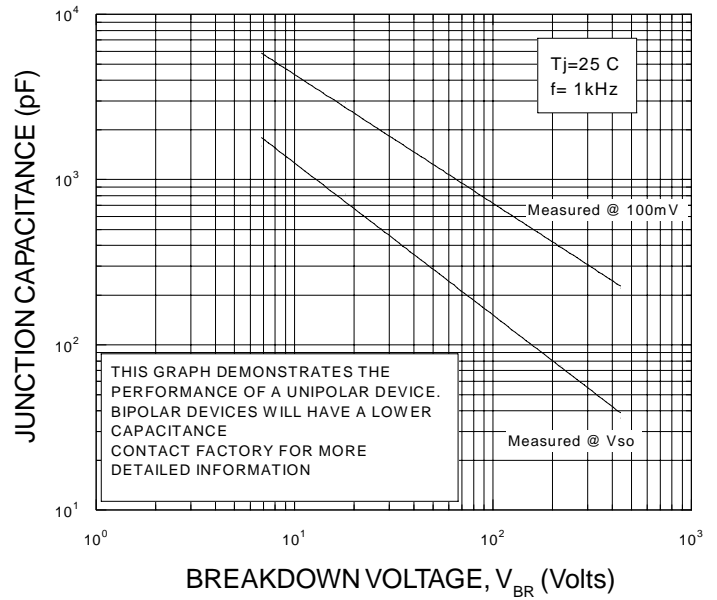


FIGURE 2D - PULSE WAVEFORM

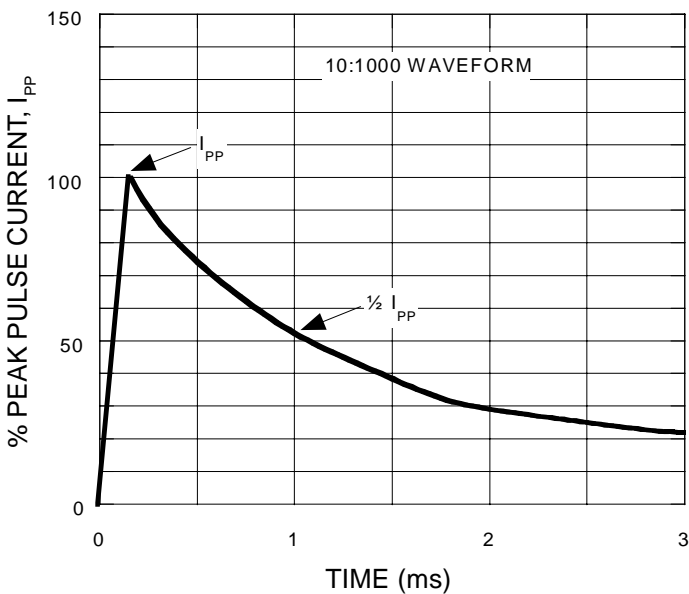


FIGURE 3D - PULSE DERATING CURVE

