

### Protection Diodes - continued

#### Transient Voltage Suppressors - continued

204135

Mfrs List No.	Order Code	5+	50+	100+	250+	+	+
<b>600W Unidirectional</b>							
P6SMBJ5.0A	967-592	65.00	55.00	51.00	39.00	--	--
P6SMBJ5.0A	967-609	65.00	55.00	51.00	39.00	--	--
P6SMBJ5.0A	967-610	65.00	55.00	51.00	39.00	--	--
P6SMBJ5.0A	967-622	65.00	55.00	51.00	39.00	--	--
P6SMBJ5.0A	967-634	65.00	55.00	51.00	39.00	--	--
P6SMBJ5.0A	967-646	72.00	61.00	56.00	39.00	--	--
P6SMBJ5.0A	938-1554	65.00	55.00	51.00	39.00	--	--
P6SMBJ7.5A	938-1562	65.00	55.00	51.00	39.00	--	--
P6SMBJ12A	938-1570	65.00	55.00	51.00	39.00	--	--
P6SMBJ15A	938-1589	65.00	55.00	51.00	39.00	--	--
P6SMBJ24A	938-1597	65.00	55.00	51.00	39.00	--	--
P6SMBJ30A	938-1600	72.00	61.00	56.00	39.00	--	--
<b>1500W Unidirectional</b>							
1.5SMCJ5.0A	967-658	83.00	71.00	65.00	50.00	--	--
1.5SMCJ5.0A	938-1619	83.00	71.00	65.00	50.00	--	--
1.5SMCJ6.0A	967-660	69.00	59.00	54.00	45.00	--	--
1.5SMCJ6.0A	938-1627	69.00	59.00	54.00	45.00	--	--
1.5SMCJ9.0A	967-671	83.00	71.00	65.00	50.00	--	--
1.5SMCJ9.0A	938-1635	83.00	71.00	65.00	50.00	--	--
1.5SMCJ12A	967-683	69.00	59.00	54.00	45.00	--	--
1.5SMCJ12A	938-1643	69.00	59.00	54.00	45.00	--	--
1.5SMCJ15A	967-695	69.00	59.00	54.00	45.00	--	--
1.5SMCJ15A	938-1651	69.00	59.00	54.00	45.00	--	--
1.5SMCJ22A	967-701	83.00	71.00	65.00	50.00	--	--
1.5SMCJ22A	938-1660	83.00	71.00	65.00	50.00	--	--
1.5SMCJ33A	967-713	83.00	71.00	65.00	50.00	--	--
1.5SMCJ33A	938-1678	83.00	71.00	65.00	50.00	--	--
1.5SMCJ48A	967-725	83.00	71.00	65.00	50.00	--	--
1.5SMCJ48A	938-1686	83.00	71.00	65.00	50.00	--	--
<b>600W Bidirectional</b>							
P6SMBJ5.0CA	967-737	73.00	63.00	57.00	42.00	--	--
P6SMBJ7.5CA	967-749	73.00	63.00	57.00	42.00	--	--
P6SMBJ12CA	967-750	73.00	63.00	57.00	42.00	--	--
P6SMBJ15CA	967-762	73.00	63.00	57.00	42.00	--	--
P6SMBJ24CA	967-774	73.00	63.00	57.00	42.00	--	--
P6SMBJ30CA	967-786	73.00	63.00	57.00	42.00	--	--
P6SMBJ5.0CA	938-1708	73.00	63.00	57.00	42.00	--	--
P6SMBJ7.5CA	938-1716	73.00	63.00	57.00	42.00	--	--
P6SMBJ12CA	938-1724	73.00	63.00	57.00	42.00	--	--
P6SMBJ15CA	938-1732	73.00	63.00	57.00	42.00	--	--
P6SMBJ24CA	938-1740	73.00	63.00	57.00	42.00	--	--
P6SMBJ30CA	938-1759	73.00	63.00	57.00	42.00	--	--
<b>1500W Bidirectional</b>							
1.5SMCJ5.0CA	967-798	91.00	78.00	71.00	55.00	--	--
1.5SMCJ5.0CA	938-1767	91.00	78.00	71.00	55.00	--	--
1.5SMCJ6.0CA	967-804	91.00	78.00	71.00	55.00	--	--
1.5SMCJ6.0CA	938-1775	91.00	78.00	71.00	55.00	--	--
1.5SMCJ9.0CA	967-816	100.00	86.00	79.00	55.00	--	--
1.5SMCJ9.0CA	938-1783	100.00	86.00	79.00	55.00	--	--
1.5SMCJ12CA	967-828	76.00	65.00	59.00	49.00	--	--
1.5SMCJ12CA	938-1791	76.00	65.00	59.00	49.00	--	--
1.5SMCJ15CA	967-830	91.00	78.00	71.00	55.00	--	--
1.5SMCJ15CA	938-1805	91.00	78.00	71.00	55.00	--	--
1.5SMCJ22CA	967-841	91.00	78.00	71.00	55.00	--	--
1.5SMCJ22CA	938-1813	91.00	78.00	71.00	55.00	--	--
1.5SMCJ33CA	967-853	91.00	78.00	71.00	55.00	--	--
1.5SMCJ33CA	938-1821	91.00	78.00	71.00	55.00	--	--
1.5SMCJ48CA	967-865	76.00	65.00	59.00	49.00	--	--
1.5SMCJ48CA	938-1830	76.00	65.00	59.00	49.00	--	--

Semiconductors - Discretes

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#### 1500W Transil™ Suppression Diodes



**F-126:** L=6.35, Dia.=3.05, Lead Dia.=0.86    **CB-429:** L=9.8, Dia.=5.1, Lead Dia.=1.06

- Unidirectional and bidirectional transient voltage suppressors offering a high surge capability and ultra fast clamping times
- Typical applications include the protection of IC's, MOS, hybrids and other voltage sensitive components
- Unidirectional types are suitable for dc applications and bidirectional types are suitable for ac applications.

Stand-Off Voltage V <sub>rm</sub> V	Breakdown Voltage V <sub>br</sub> V	Clamping Voltage Max. 8/20μs V(8/20μs)	Max. Pulse Current 8/20μs A	Temp. Co-efficient (10 <sup>4</sup> /°C)	Package	Mfrs List No.
5.8	6.45 - 7.48	13.4	746	5.7	CB-429	1.5KE6V8A
8.55	9.5 - 10.5	14.5	538		DO-201	1.5KE10A
10.2	11.4 - 12.6	16.7	461		DO-201	1.5KE12A
12.8	14.2 - 15.8	27.2	662	8.4	CB-429	1.5KE15A
15.3	17.1 - 18.9	25.2	59.5		DO-15 (DO-204AC)	1.5KE18A
18.8	20.9 - 23.1	30.6	254		DO-15 (DO-204AC)	1.5KE22A
20.5	22.8 - 25.2	33.2	234		DO-201	1.5KE24A
23.1	25.7 - 28.4	37.5	40		DO-15 (DO-204AC)	1.5KE27A
25.6	28.5 - 31.5	41.4	36		DO-15 (DO-204AC)	1.5KE30A
28.2	31.4 - 34.7	49.9	305	9.8	CB-429	1.5KE33A
30.8	34.2 - 37.8	49.9	30		DO-15 (DO-204AC)	1.5KE36A
33.3	37.1 - 41	69.7			DO-201	1.5KE39A
	47 -	59.3			DO-201	1.5KE43A

Stand-Off Voltage V <sub>rm</sub> V	Breakdown Voltage V <sub>br</sub> V	Clamping Voltage Max. 8/20μs V(8/20μs)	Max. Pulse Current 8/20μs A	Temp. Co-efficient (10 <sup>4</sup> /°C)	Package	Mfrs List No.
<b>1500W Unidirectional</b>						
40.2	44.7 - 49.4	84	214	10.1	CB-429	1.5KE47A
47.8	53.2 - 58.8	100	100		DO-201	1.5KE56A
53	58.9 - 65.1	111	162	10.4	CB-429	1.5KE62A
51.8	64.6 - 71.4	121	83		DO-201	1.5KE68A
70.1	77.9 - 86.1	146	69		DO-201	1.5KE82A
85.5	95 - 105	137	11		DO-201AE	1.5KE100A
102	114 - 126	165	47		DO-201	1.5KE120A
128	143 - 158	207	38		DO-201	1.5KE150A
154	171 - 189	246	31.5		DO-201	1.5KE180A
171	190 - 210	353	51	10.8	CB-429	1.5KE200A
171	209 - 231	353	26		DO-201	1.5KE220A
213	237 - 263	442	23		DO-201	1.5KE250A
256	285 - 315	529	19		DO-201	1.5KE300A
299	332 - 368	618	16		DO-201	1.5KE350A
342	380 - 420	706	37	11.0	CB-429	1.5KE400A
376	418 - 462	776	13		DO-201	1.5KE440A
<b>1500W Bidirectional</b>						
5.8	6.45 - 7.14	13.4	746		DO-201	1.5KE6V8CA
6.4	7.13 - 7.88	14.5	690		DO-201	1.5KE7V5CA
10.2	11.4 - 12.6	21.7	829	7.8	CB-429	1.5KE12CA
12.8	14.3 - 15.8	27.2	662	8.4	CB-429	1.5KE15CA
15.3	17.1 - 18.9	32.5	55.4	8.8	CB-429	1.5KE18CA
18.8	20.9 - 23.1	30.6	254		DO-15 (DO-204AC)	1.5KE22CA
20.5	22.8 - 25.2	33.2	234		DO-201	1.5KE24CA
25.6	28.5 - 31.5	41.4	36		DO-15 (DO-204AC)	1.5KE30CA
28.2	31.4 - 34.7	45.7	33		DO-15 (DO-204AC)	1.5KE33CA
30.8	34.2 - 37.8	49.9	30		DO-15 (DO-204AC)	1.5KE36CA
33.3	37.1 - 41	69.7			DO-201	1.5KE39CA
51.8	64.6 - 41.4	121	83		DO-201	1.5KE68CA
	75 -	103			DO-201	1.5KE75CA
70.1	77.9 - 86.1	146	69		DO-201	1.5KE82CA
85.5	95 - 105	137	11		DO-201	1.5KE100CA
128	143 - 158	207	38		DO-201	1.5KE150CA
154	171 - 189	246	31.5		DO-201	1.5KE180CA
171	190 - 210	274	28		DO-201	1.5KE200CA
171	209 - 231	353	26		DO-201	1.5KE220CA
213	237 - 263	442	23		DO-201	1.5KE250CA
256	285 - 315	529	19		DO-201	1.5KE300CA
299	332 - 368	618	16		DO-201	1.5KE350CA
342	380 - 420	548	4		DO-15 (DO-204AC)	1.5KE400CA
376	418 - 462	776	13		DO-201	1.5KE440CA

Mfrs List No.	Order Code	Price Each				
<b>Order Multiple = 5</b>						
<b>1500W Unidirectional</b>						
	5+	25+	100+	250+	+	
1.5KE6V8A	446-452	39.00	29.00	22.00	18.00	--
1.5KE6V8A	980-1170	28.00	21.00	16.00	12.00	--
1.5KE10A	988-4750	28.00	21.00	16.00	13.00	--
1.5KE12A	988-4785	28.00	21.00	16.00	12.00	--
1.5KE15A	446-464	58.00	49.00	40.00	29.00	--
1.5KE15A	980-1090	28.00	21.00	16.00	12.00	--
1.5KE18A	988-4831	28.00	21.00	16.00	12.00	--
1.5KE22A	988-4874	28.00	21.00	16.00	12.00	--
1.5KE24A	988-4890	28.00	21.00	16.00	12.00	--
1.5KE24A	988-4890	28.00	21.00	16.00	12.00	--
1.5KE27A	988-4939	28.00	21.00	16.00	12.00	--
1.5KE30A	988-4963	28.00	21.00	16.00	12.00	--
1.5KE33A	446-476	39.00	29.00	22.00	18.00	--
1.5KE33A	980-1138	28.00	21.00	16.00	12.00	--
1.5KE36A	988-5013	28.00	21.00	16.00	12.00	--
1.5KE39A	988-5030	28.00	21.00	16.00	12.00	--
1.5KE43A	988-5064	28.00	21.00	16.00	12.00	--
1.5KE47A	446-488	39.00	29.00	22.00	18.00	--
1.5KE47A	980-1154	28.00	21.00	16.00	12.00	--
1.5KE56A	988-5099	28.00	21.00	16.00	12.00	--
1.5KE62A	446-490	43.00	33.00	25.00	19.00	--
1.5KE62A	980-1162	28.00	21.00	16.00	12.00	--
1.5KE68A	988-5102	28.00	21.00	16.00	13.00	--
1.5KE82A	988-5153	28.00	21.00	16.00	12.00	--
1.5KE100A	988-4734	28.00	21.00	16.00	12.00	--
1.5KE120A	988-4769	28.00	21.00	16.00	12.00	--
1.5KE150A	988-4793	28.00	21.00	16.00	12.00	--
1.5KE180A	988-4815	28.00	21.00	16.00	12.00	--
1.5KE200A	446-506	58.00	49.00	40.00	29.00	--
1.5KE200A	980-1120	32.00	25.00	19.00	14.00	--
1.5KE220A	988-4858	37.00	29.00	22.00	18.00	--
1.5KE250A	988-4912	37.00	29.00	22.00	18.00	--
1.5KE300A	988-4947	28.00	21.00	16.00	13.00	--
1.5KE350A	988-4998	37.00	29.00			