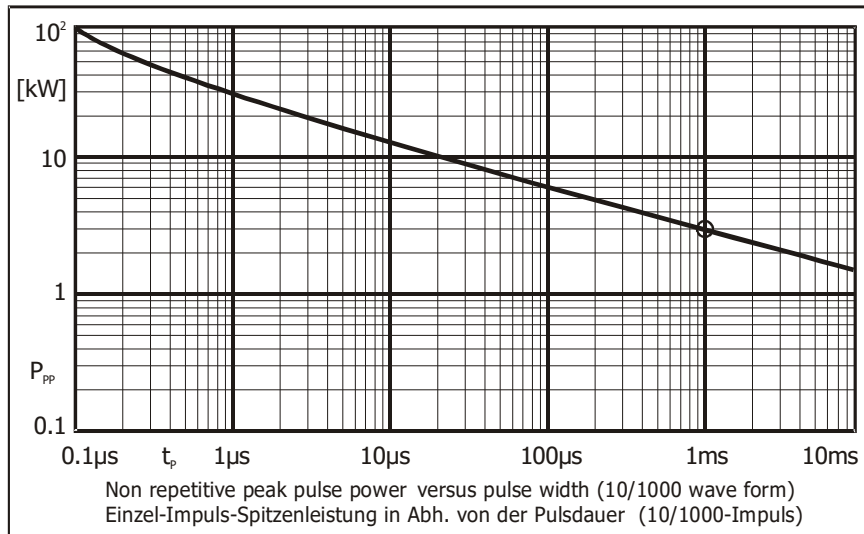
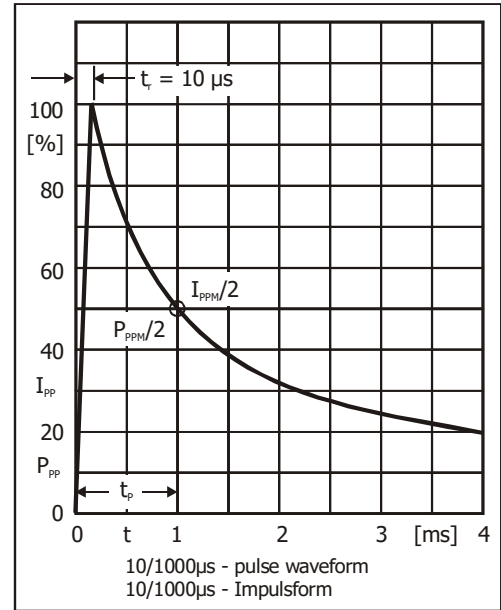
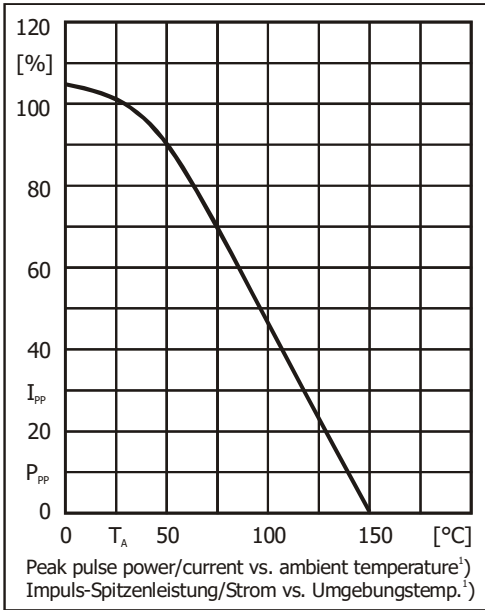


Characteristics (T<sub>j</sub> = 25°C)

 Kennwerte (T<sub>j</sub> = 25°C)

Type Typ <b>3.0SMCJ ...</b>		Stand-off voltage Sperrspannung	Max. rev. current Max. Sperrstrom at / bei V <sub>WM</sub> <sup>1)</sup>	Breakdown voltage at I <sub>T</sub> = 1 mA Abbruch-Spannung bei I <sub>T</sub> = 1 mA ) I <sub>T</sub> = 10 mA		Max. clamping voltage Max. Begrenzer-Spannung at / bei I <sub>PPM</sub> (10/1000 μs)	
unidirectional	bidirectional	V <sub>WM</sub> [V]	I <sub>D</sub> [μA]	V <sub>BR</sub> min [V]	V <sub>BR</sub> max [V]	V <sub>C</sub> [V]	I <sub>PPM</sub> [A]
5.0A	5.0CA	5.0	800	6.4 *)	7.2 *)	9.2	326.0
6.0A	6.0CA	6.0	800	6.6 *)	7.4 *)	10.3	291.2
6.5A	6.5CA	6.5	500	7.2 *)	8.0 *)	11.2	267.8
7.0A	7.0CA	7.0	200	7.8 *)	8.6 *)	12.0	250.0
7.5A	7.5CA	7.5	100	8.3	9.2	12.9	232.5
8.0A	8.0CA	8.0	50	8.9	9.9	13.6	220.5
8.5A	8.5CA	8.5	20	9.4	10.4	14.4	208.3
9.0A	9.0CA	9.0	10	10.0	11.1	15.4	194.8
10A/-AQ	10CA/-AQ	10	5	11.1	12.3	17.0	176.4
11A/-AQ	11CA/-AQ	11	5	12.2	13.5	18.2	164.8
12A/-AQ	12CA/-AQ	12	5	13.3	14.8	19.9	150.7
13A/-AQ	13CA/-AQ	13	5	14.4	16.0	21.5	139.5
14A/-AQ	14CA/-AQ	14	5	15.6	17.3	23.2	129.3
15A/-AQ	15CA/-AQ	15	5	16.7	18.6	24.4	122.9
16A/-AQ	16CA/-AQ	16	5	17.8	19.8	26.0	115.3
17A/-AQ	17CA/-AQ	17	5	18.9	21.0	27.6	108.7
18A/-AQ	18CA/-AQ	18	5	20.0	22.2	29.2	102.7
20A/-AQ	20CA/-AQ	20	5	22.2	24.6	32.4	92.5
22A/-AQ	22CA/-AQ	22	5	24.4	27.1	35.5	84.5
24A/-Q/-AQ	24CA/-Q/-AQ	24	5/5/1	26.7	29.6	38.9	77.1
26A/-AQ	26CA/-AQ	26	5	28.9	32.1	42.1	71.2
28A/-AQ	28CA/-AQ	28	5	31.1	34.5	45.4	66.0
30A/-Q/-AQ	30CA/-Q/-AQ	30	5	33.3	36.9	48.4	61.9
33A/-Q/-AQ	33CA/-Q/-AQ	33	5	36.7	40.7	53.3	56.2
36A/-Q/-AQ	36CA/-Q/-AQ	36	5	40.0	44.4	58.1	51.6
40A/-Q/-AQ	40CA/-Q/-AQ	40	5	44.4	49.3	64.5	46.5
43A/-Q/-AQ	43CA/-Q/-AQ	43	5	47.8	53.1	69.4	43.2
45A	45CA	45	5	50.0	55.5	72.7	41.2
48A	48CA	48	5	53.3	59.2	77.4	38.7
51A	51CA	51	5	56.7	62.9	82.4	36.4
54A	54CA	54	5	60.0	66.6	87.1	34.4
58A	58CA	58	5	64.4	71.5	93.6	32.0
60A	60CA	60	5	66.7	74.0	96.8	30.9
64A	64CA	64	5	71.1	78.9	103	29.1
70A	70CA	70	5	77.8	86.4	113	26.5
75A	75CA	75	5	83.3	92.5	121	24.7
78A	78CA	78	5	86.7	96.2	126	23.8
85A	85CA	85	5	94.4	105	137	21.9
90A	90CA	90	5	100	111	146	20.5
100A	100CA	100	5	111	123	162	18.5
110A	110CA	110	5	122	135	177	16.9
120A	120CA	120	5	133	148	193	15.5
130A	130CA	130	5	144	160	209	14.3
150A	150CA	150	5	167	185	243	12.3
160A	160CA	160	5	178	198	259	11.5
170A	170CA	170	5	189	210	275	10.9

1 For bi-directional types having V<sub>WM</sub> ≤ 10V, the reverse current limit is doubled  
 Bidirektionale Typen mit V<sub>WM</sub> ≤ 10V haben die doppelte Sperrstromgrenze



**Disclaimer:** See data book page 2 or [website](#)  
**Haftungsausschluss:** Siehe Datenbuch Seite 2 oder [Internet](#)

1 Mounted on P.C. board with 50 mm<sup>2</sup> copper pads at each terminal  
 Montage auf Leiterplatte mit 50 mm<sup>2</sup> Kupferbelag (Lötpad) an jedem Anschluss