



Characteristics

Type	Part Number	Power (W)	V <sub>CE</sub> (V)	I <sub>C</sub> (A)	f <sub>T</sub> (MHz)	V <sub>CE(sat)</sub> (V)	V <sub>CE</sub> (V)	I <sub>C</sub> (A)	f <sub>T</sub> (MHz)	V <sub>CE(sat)</sub> (V)	V <sub>CE</sub> (V)	I <sub>C</sub> (A)	f <sub>T</sub> (MHz)	V <sub>CE(sat)</sub> (V)	V <sub>CE</sub> (V)	I <sub>C</sub> (A)	f <sub>T</sub> (MHz)
SMAJ500A	SMAJ500CA	5	50	1.0	100	0.2	50	1.0	100	0.2	50	1.0	100	0.2	50	1.0	100
SMAJ600A	SMAJ600CA	6	60	1.2	120	0.2	60	1.2	120	0.2	60	1.2	120	0.2	60	1.2	120
SMAJ750A	SMAJ750CA	7.5	75	1.5	150	0.2	75	1.5	150	0.2	75	1.5	150	0.2	75	1.5	150
SMAJ900A	SMAJ900CA	9	90	1.8	180	0.2	90	1.8	180	0.2	90	1.8	180	0.2	90	1.8	180
SMAJ1000A	SMAJ1000CA	10	100	2.0	200	0.2	100	2.0	200	0.2	100	2.0	200	0.2	100	2.0	200
SMAJ1200A	SMAJ1200CA	12	120	2.4	240	0.2	120	2.4	240	0.2	120	2.4	240	0.2	120	2.4	240
SMAJ1500A	SMAJ1500CA	15	150	3.0	300	0.2	150	3.0	300	0.2	150	3.0	300	0.2	150	3.0	300
SMAJ1800A	SMAJ1800CA	18	180	3.6	360	0.2	180	3.6	360	0.2	180	3.6	360	0.2	180	3.6	360
SMAJ2000A	SMAJ2000CA	20	200	4.0	400	0.2	200	4.0	400	0.2	200	4.0	400	0.2	200	4.0	400
SMAJ2200A	SMAJ2200CA	22	220	4.4	440	0.2	220	4.4	440	0.2	220	4.4	440	0.2	220	4.4	440
SMAJ2400A	SMAJ2400CA	24	240	4.8	480	0.2	240	4.8	480	0.2	240	4.8	480	0.2	240	4.8	480
SMAJ2600A	SMAJ2600CA	26	260	5.2	520	0.2	260	5.2	520	0.2	260	5.2	520	0.2	260	5.2	520
SMAJ2800A	SMAJ2800CA	28	280	5.6	560	0.2	280	5.6	560	0.2	280	5.6	560	0.2	280	5.6	560
SMAJ3000A	SMAJ3000CA	30	300	6.0	600	0.2	300	6.0	600	0.2	300	6.0	600	0.2	300	6.0	600
SMAJ3200A	SMAJ3200CA	32	320	6.4	640	0.2	320	6.4	640	0.2	320	6.4	640	0.2	320	6.4	640
SMAJ3400A	SMAJ3400CA	34	340	6.8	680	0.2	340	6.8	680	0.2	340	6.8	680	0.2	340	6.8	680
SMAJ3600A	SMAJ3600CA	36	360	7.2	720	0.2	360	7.2	720	0.2	360	7.2	720	0.2	360	7.2	720
SMAJ3800A	SMAJ3800CA	38	380	7.6	760	0.2	380	7.6	760	0.2	380	7.6	760	0.2	380	7.6	760
SMAJ4000A	SMAJ4000CA	40	400	8.0	800	0.2	400	8.0	800	0.2	400	8.0	800	0.2	400	8.0	800
SMAJ4200A	SMAJ4200CA	42	420	8.4	840	0.2	420	8.4	840	0.2	420	8.4	840	0.2	420	8.4	840
SMAJ4400A	SMAJ4400CA	44	440	8.8	880	0.2	440	8.8	880	0.2	440	8.8	880	0.2	440	8.8	880
SMAJ4600A	SMAJ4600CA	46	460	9.2	920	0.2	460	9.2	920	0.2	460	9.2	920	0.2	460	9.2	920
SMAJ4800A	SMAJ4800CA	48	480	9.6	960	0.2	480	9.6	960	0.2	480	9.6	960	0.2	480	9.6	960
SMAJ5000A	SMAJ5000CA	50	500	10.0	1000	0.2	500	10.0	1000	0.2	500	10.0	1000	0.2	500	10.0	1000
SMAJ5200A	SMAJ5200CA	52	520	10.4	1040	0.2	520	10.4	1040	0.2	520	10.4	1040	0.2	520	10.4	1040
SMAJ5400A	SMAJ5400CA	54	540	10.8	1080	0.2	540	10.8	1080	0.2	540	10.8	1080	0.2	540	10.8	1080
SMAJ5600A	SMAJ5600CA	56	560	11.2	1120	0.2	560	11.2	1120	0.2	560	11.2	1120	0.2	560	11.2	1120
SMAJ5800A	SMAJ5800CA	58	580	11.6	1160	0.2	580	11.6	1160	0.2	580	11.6	1160	0.2	580	11.6	1160
SMAJ6000A	SMAJ6000CA	60	600	12.0	1200	0.2	600	12.0	1200	0.2	600	12.0	1200	0.2	600	12.0	1200
SMAJ6200A	SMAJ6200CA	62	620	12.4	1240	0.2	620	12.4	1240	0.2	620	12.4	1240	0.2	620	12.4	1240
SMAJ6400A	SMAJ6400CA	64	640	12.8	1280	0.2	640	12.8	1280	0.2	640	12.8	1280	0.2	640	12.8	1280
SMAJ6600A	SMAJ6600CA	66	660	13.2	1320	0.2	660	13.2	1320	0.2	660	13.2	1320	0.2	660	13.2	1320
SMAJ6800A	SMAJ6800CA	68	680	13.6	1360	0.2	680	13.6	1360	0.2	680	13.6	1360	0.2	680	13.6	1360
SMAJ7000A	SMAJ7000CA	70	700	14.0	1400	0.2	700	14.0	1400	0.2	700	14.0	1400	0.2	700	14.0	1400
SMAJ7200A	SMAJ7200CA	72	720	14.4	1440	0.2	720	14.4	1440	0.2	720	14.4	1440	0.2	720	14.4	1440
SMAJ7400A	SMAJ7400CA	74	740	14.8	1480	0.2	740	14.8	1480	0.2	740	14.8	1480	0.2	740	14.8	1480
SMAJ7600A	SMAJ7600CA	76	760	15.2	1520	0.2	760	15.2	1520	0.2	760	15.2	1520	0.2	760	15.2	1520
SMAJ7800A	SMAJ7800CA	78	780	15.6	1560	0.2	780	15.6	1560	0.2	780	15.6	1560	0.2	780	15.6	1560
SMAJ8000A	SMAJ8000CA	80	800	16.0	1600	0.2	800	16.0	1600	0.2	800	16.0	1600	0.2	800	16.0	1600
SMAJ8200A	SMAJ8200CA	82	820	16.4	1640	0.2	820	16.4	1640	0.2	820	16.4	1640	0.2	820	16.4	1640
SMAJ8400A	SMAJ8400CA	84	840	16.8	1680	0.2	840	16.8	1680	0.2	840	16.8	1680	0.2	840	16.8	1680
SMAJ8600A	SMAJ8600CA	86	860	17.2	1720	0.2	860	17.2	1720	0.2	860	17.2	1720	0.2	860	17.2	1720
SMAJ8800A	SMAJ8800CA	88	880	17.6	1760	0.2	880	17.6	1760	0.2	880	17.6	1760	0.2	880	17.6	1760
SMAJ9000A	SMAJ9000CA	90	900	18.0	1800	0.2	900	18.0	1800	0.2	900	18.0	1800	0.2	900	18.0	1800
SMAJ9200A	SMAJ9200CA	92	920	18.4	1840	0.2	920	18.4	1840	0.2	920	18.4	1840	0.2	920	18.4	1840
SMAJ9400A	SMAJ9400CA	94	940	18.8	1880	0.2	940	18.8	1880	0.2	940	18.8	1880	0.2	940	18.8	1880
SMAJ9600A	SMAJ9600CA	96	960	19.2	1920	0.2	960	19.2	1920	0.2	960	19.2	1920	0.2	960	19.2	1920
SMAJ9800A	SMAJ9800CA	98	980	19.6	1960	0.2	980	19.6	1960	0.2	980	19.6	1960	0.2	980	19.6	1960
SMAJ10000A	SMAJ10000CA	100	1000	20.0	2000	0.2	1000	20.0	2000	0.2	1000	20.0	2000	0.2	1000	20.0	2000

Fig.1 Peak Pulse Power Rating Curve

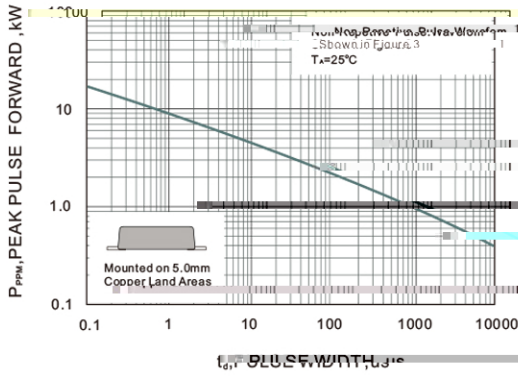


Fig.2 Forward Current Derating Curve

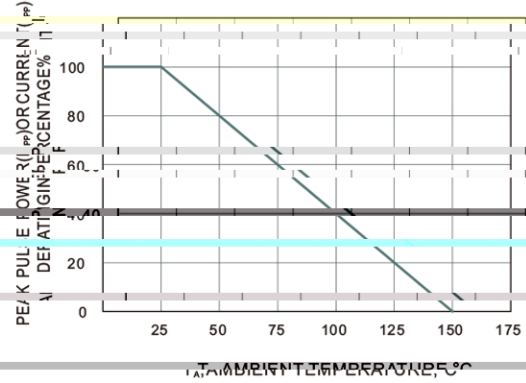


Fig.3 Pulse Waveform

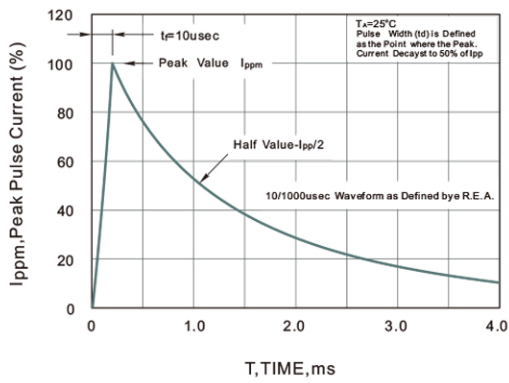
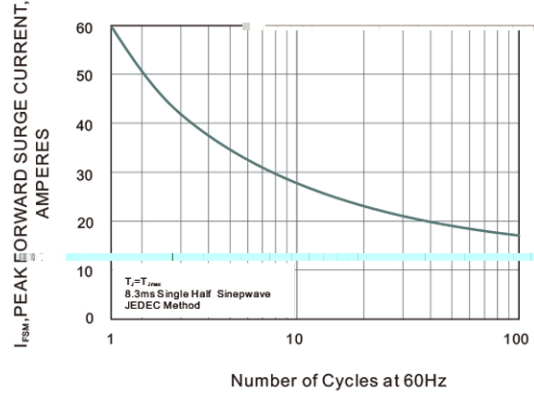


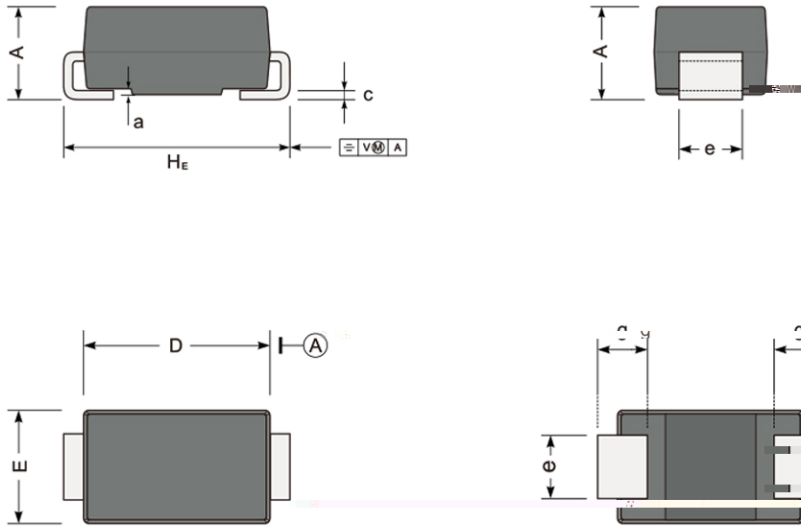
Fig.4 Maximum Non-Repetitive Peak Forward Surge Current



**PACKAGE OUTLINE**

Plastic surface mounted package: 2 Leads

SMA



UNIT		A	D	E	H <sub>E</sub>	c	e	g	a
mm	max	2.2	4.5	2.7	5.2	0.31	1.6	1.5	0.3
	min	1.9	4.0	2.3	4.7	0.15	1.3	0.9	
mil	max	87	181	106	205	12	63	58	12
	min	75	157	91	185	6	51	35	

**The recommended mounting pad size**

