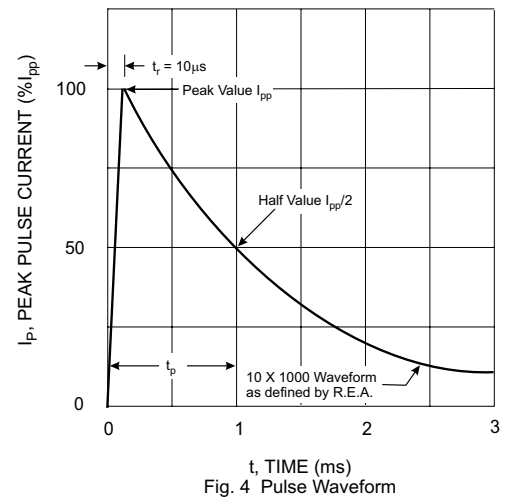
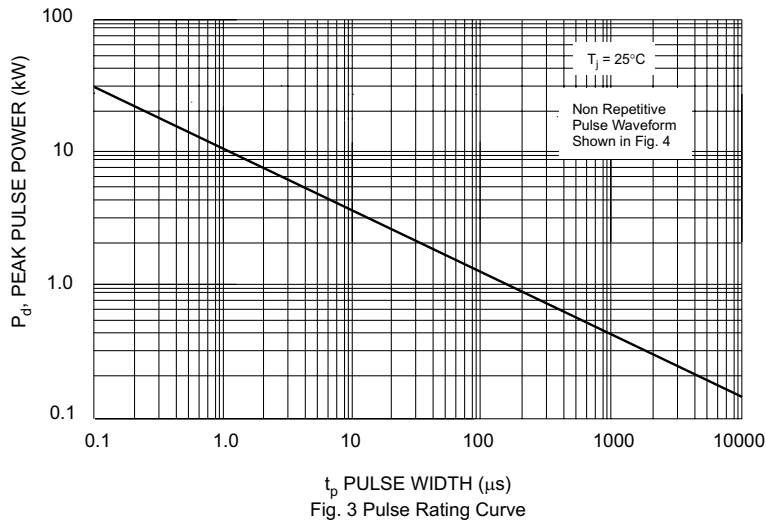
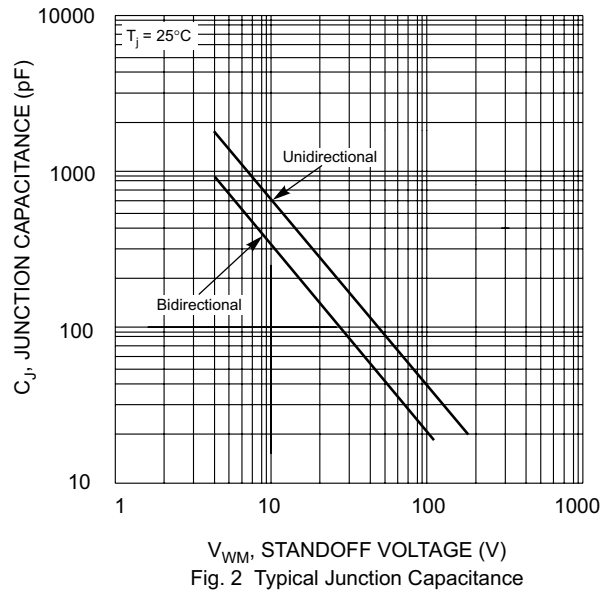
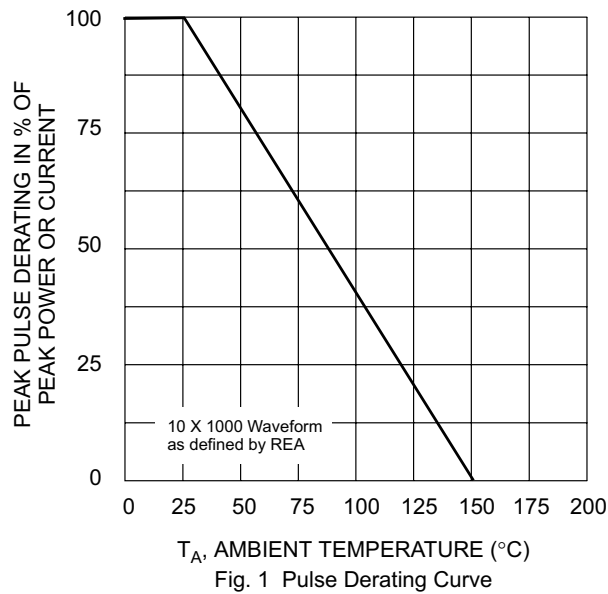


Part Number Add C For Bi-Directional (Note 4)	Reverse Standoff Voltage	Breakdown Voltage V_{BR} @ I_T (Note 5)		Test Current	Max. Reverse Leakage @ V_{RWM} (Note 6)	Max. Clamping Voltage @ I_{PP}	Max. Peak Pulse Current I_{PP}	Marking Code	
	V_{RWM} (V)	Min (V)	Max (V)	I_T (mA)	I_R (μ A)	V_C (V)	(A)	BI-	UNI-
SMAJ5.0(C)A	5.0	6.40	7.25	10	800	9.2	43.5	TE	HE
SMAJ6.0(C)A	6.0	6.67	7.37	10	800	10.3	38.8	TG	HG
SMAJ6.5(C)A	6.5	7.22	7.98	10	500	11.2	35.7	TK	HK
SMAJ7.0(C)A	7.0	7.78	8.60	10	200	12.0	33.3	TM	HM
SMAJ7.5(C)A	7.5	8.33	9.21	1.0	100	12.9	31.0	TP	HP
SMAJ8.0(C)A	8.0	8.89	9.83	1.0	50	13.6	29.4	TR	HR
SMAJ8.5(C)A	8.5	9.44	10.4	1.0	10	14.4	27.7	TT	HT
SMAJ9.0(C)A	9.0	10.0	11.1	1.0	5.0	15.4	26.0	TV	HV
SMAJ10(C)A	10	11.1	12.3	1.0	5.0	17.0	23.5	TX	HX
SMAJ11(C)A	11	12.2	13.5	1.0	5.0	18.2	22.0	TZ	HZ
SMAJ12(C)A	12	13.3	14.7	1.0	5.0	19.9	20.1	UE	IE
SMAJ13(C)A	13	14.4	15.9	1.0	5.0	21.5	18.6	UG	IG
SMAJ14(C)A	14	15.6	17.2	1.0	5.0	23.2	17.2	UK	IK
SMAJ15(C)A	15	16.7	18.5	1.0	5.0	24.4	16.4	UM	IM
SMAJ16(C)A	16	17.8	19.7	1.0	5.0	26.0	15.3	UP	IP
SMAJ17(C)A	17	18.9	20.9	1.0	5.0	27.6	14.5	UR	IR
SMAJ18(C)A	18	20.0	22.1	1.0	5.0	29.2	13.7	UT	IT
SMAJ20(C)A	20	22.2	24.5	1.0	5.0	32.4	12.3	UV	IV
SMAJ22(C)A	22	24.4	26.9	1.0	5.0	35.5	11.2	UX	IX
SMAJ24(C)A	24	26.7	29.5	1.0	5.0	38.9	10.3	UZ	IZ
SMAJ26(C)A	26	28.9	31.9	1.0	5.0	42.1	9.5	VE	JE
SMAJ28(C)A	28	31.1	34.4	1.0	5.0	45.4	8.8	VG	JG
SMAJ30(C)A	30	33.3	36.8	1.0	5.0	48.4	8.3	VK	JK
SMAJ33(C)A	33	36.7	40.6	1.0	5.0	53.3	7.5	VM	JM
SMAJ36(C)A	36	40.0	44.2	1.0	5.0	58.1	6.9	VP	JP
SMAJ40(C)A	40	44.4	49.1	1.0	5.0	64.5	6.2	VR	JR
SMAJ43(C)A	43	47.8	52.8	1.0	5.0	69.4	5.7	VT	JT
SMAJ45(C)A	45	50.0	55.3	1.0	5.0	72.7	5.5	VV	JV
SMAJ48(C)A	48	53.3	58.9	1.0	5.0	77.4	5.2	VX	JX
SMAJ51(C)A	51	56.7	62.7	1.0	5.0	82.4	4.9	VZ	JZ
SMAJ54(C)A	54	60.0	66.3	1.0	5.0	87.1	4.6	WE	RE
SMAJ58(C)A	58	64.4	71.2	1.0	5.0	93.6	4.3	WG	RG
SMAJ60(C)A	60	66.7	73.7	1.0	5.0	96.8	4.1	WK	RK
SMAJ64(C)A	64	71.1	78.6	1.0	5.0	103	3.9	WM	RM
SMAJ70(C)A	70	77.8	86.0	1.0	5.0	113	3.5	WP	RP
SMAJ75(C)A	75	83.3	92.1	1.0	5.0	121	3.3	WR	RR
SMAJ78(C)A	78	86.7	95.8	1.0	5.0	126	2.2	WT	RT
SMAJ85(C)A	85	94.4	104	1.0	5.0	137	2.9	WV	RV
SMAJ90(C)A	90	100	111	1.0	5.0	146	2.7	WX	RX
SMAJ100(C)A	100	111	123	1.0	5.0	162	2.5	WZ	RZ
SMAJ110(C)A	110	122	135	1.0	5.0	177	2.3	XE	SE
SMAJ120(C)A	120	133	147	1.0	5.0	193	2.0	XG	SG
SMAJ130(C)A	130	144	159	1.0	5.0	209	1.9	XK	SK
SMAJ150(C)A	150	167	185	1.0	5.0	243	1.6	XM	SM
SMAJ160(C)A	160	178	197	1.0	5.0	259	1.5	XP	SP
SMAJ170(C)A	170	189	209	1.0	5.0	275	1.4	XR	SR

Notes: 4. Suffix C denotes Bi-directional device.
5. V_{BR} measured with I_T current pulse = 300 μ s
6. For Bi-Directional devices having V_{RWM} of 10V and under, the I_R is doubled.

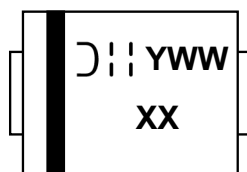


Ordering Information (Note 4)

Device	Packaging	Shipping
SMAJXXX(C)A-13	SMA	5000/Tape & Reel

Notes: 4. For Packaging Details, go to our website at <http://www.diodes.com/datasheets/ap02007.pdf>.

Marking Information



XX = Product type marking code (See Page 2)
D = Manufacturers' code marking
YWW = Date code marking
Y = Last digit of year ex: 2 for 2002
WW = Week code 01 to 52