

Electrical Characteristics (TA = 25 °C unless otherwise noted)

Part Number (Bi)	Part Number (Uni)	MARKING		Reverse Stand off Voltage V_R (Volts)	Breakdown Voltage V_{BR} (Volts)@ I_T		Test Current I_T (mA)	Maximum Reverse Leakage I_R @ V_R (μ A)	Maximum Peak Pulse Current I_{pp} (A)	Maximum Clamping Voltage V_C @ I_{pp} (V)
		BI	UNI		Min .V	Max .V				
SMCJ5.0CA	SMCJ5.0A	BDE	GDE	5.0	6.40	7.00	10	500	163.0	9.2
SMCJ6.0CA	SMCJ6.0A	BDG	GDG	6.0	6.67	7.37	10	500	145.6	10.3
SMCJ 6.5CA	SMCJ 6.5A	BDK	GDK	6.5	7.22	7.90	10	300	134.0	11.2
SMCJ7.0 CA	SMCJ7.0 A	BDM	GDM	7.0	7.78	8.60	10	200	125.0	12.0
SMCJ 7.5CA	SMCJ 7.5A	BDP	GDP	7.5	8.33	9.21	1	100	116.3	12.9
SMCJ 8.0CA	SMCJ 8.0A	BDR	GDR	8.0	8.89	9.83	1	50	110.3	13.6
SMCJ8.5 CA	SMCJ8.5 A	BDT	GDT	8.5	9.44	10.40	1	20	104.2	14.4
SMCJ9.0 CA	SMCJ9.0 A	BDV	GDV	9.0	10.00	11.10	1	10	97.4	15.4
SMCJ10CA	SMCJ10A	BDX	GDX	10.0	11.10	12.30	1	1	88.3	17.0
SMCJ11CA	SMCJ11A	BDZ	GDZ	11.0	12.20	13.50	1	1	82.5	18.2
SMCJ12CA	SMCJ12A	BEE	GEE	12.0	13.30	14.70	1	1	75.4	19.9
SMCJ13CA	SMCJ13A	BEG	GEG	13.0	14.40	15.90	1	1	69.8	21.5
SMCJ14CA	SMCJ14A	BEK	GEK	14.0	15.60	17.20	1	1	64.7	23.2
SMCJ15CA	SMCJ15A	BEM	GEM	15.0	16.70	18.50	1	1	61.5	24.4
SMCJ16CA	SMCJ16A	BEP	GEP	16.0	17.80	19.70	1	1	57.7	26.0
SMCJ17CA	SMCJ17A	BER	GER	17.0	18.90	20.90	1	1	54.4	27.6
SMCJ18CA	SMCJ18A	BET	GET	18.0	20.00	22.10	1	1	51.4	29.2
SMCJ20CA	SMCJ20A	BEV	GEV	20.0	22.20	24.50	1	1	46.3	32.4
SMCJ22CA	SMCJ22A	BEX	GEX	22.0	24.40	26.90	1	1	42.3	35.5
SMCJ24CA	SMCJ24A	BEZ	GEZ	24.0	26.70	29.50	1	1	38.6	38.9
SMCJ26CA	SMCJ26A	BFE	GFE	26.0	28.90	31.90	1	1	35.7	42.1
SMCJ28CA	SMCJ28A	BFG	GFG	28.0	31.10	34.40	1	1	33.1	45.4
SMCJ30CA	SMCJ30A	BFK	GFK	30.0	33.30	36.80	1	1	31.0	48.4
SMCJ33CA	SMCJ33A	BFM	GFM	33.0	36.70	40.60	1	1	28.2	53.3
SMCJ36CA	SMCJ36A	BFP	GFP	36.0	40.00	44.20	1	1	25.9	58.1
SMCJ40CA	SMCJ40A	BFR	GFR	40.0	44.40	49.10	1	1	23.3	64.5
SMCJ43CA	SMCJ43A	BFT	GFT	43.0	47.80	52.80	1	1	21.7	69.4
SMCJ45CA	SMCJ45A	BFV	GFV	45.0	50.00	55.30	1	1	20.6	72.7
SMCJ48CA	SMCJ48A	BFX	GFX	48.0	53.30	58.90	1	1	19.4	77.4
SMCJ51CA	SMCJ51A	BFZ	GFZ	51.0	56.70	62.70	1	1	18.2	82.4
SMCJ54CA	SMCJ54A	BGE	GGE	54.0	60.00	66.30	1	1	17.3	87.1
SMCJ58CA	SMCJ58A	BGG	GGG	58.0	64.40	71.20	1	1	16.1	93.6
SMCJ60CA	SMCJ60A	BGK	GGK	60.0	66.70	73.70	1	1	15.5	96.8
SMCJ64CA	SMCJ64A	BGM	GGM	64.0	71.10	78.60	1	1	14.6	103.0
SMCJ70CA	SMCJ70A	BGP	GGP	70.0	77.80	86.00	1	1	13.3	113.0
SMCJ75CA	SMCJ75A	BGR	GGR	75.0	83.30	92.10	1	1	12.4	121.0

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		BI	UNI		Min .V	Max .V				
SMCJ78CA	SMCJ78A	BGT	GGT	78.0	86.70	95.80	1	1	11.9	126.0
SMCJ85CA	SMCJ85A	BGV	GGV	85.0	94.4	104.0	1	1	11.0	137.0
SMCJ90CA	SMCJ90A	BGX	GGX	90.0	100.0	111.0	1	1	10.3	146.0
SMCJ100CA	SMCJ100A	BGZ	GGZ	100.0	111.0	123.0	1	1	9.3	162.0
SMCJ110CA	SMCJ110A	BHE	GHE	110.0	122.0	135.0	1	1	8.5	177.0
SMCJ120CA	SMCJ120A	BHG	GHG	120.0	133.0	147.0	1	1	7.8	193.0
SMCJ130CA	SMCJ130A	BHK	GHK	130.0	144.0	159.0	1	1	7.2	209.0
SMCJ150CA	SMCJ150A	BHM	GHM	150.0	167.0	185.0	1	1	6.2	243.0
SMCJ160CA	SMCJ160A	BHP	GHP	160.0	178.0	197.0	1	1	5.8	259.0
SMCJ170CA	SMCJ170A	BHR	GHR	170.0	189.0	209.0	1	1	5.5	275.0
SMCJ180CA	SMCJ180A	BHT	GHT	180.0	201.0	222.0	1	1	5.1	292.0
SMCJ190CA	SMCJ190A	BHU	GHU	190.0	211.0	233.0	1	1	4.8	308.0
SMCJ200CA	SMCJ200A	BHV	GHV	200.0	224.0	247.0	1	1	4.6	324.0
SMCJ210CA	SMCJ210A	BHW	GHW	210.0	237.0	263.0	1	1	4.4	340.0
SMCJ220CA	SMCJ220A	BHX	GHX	220.0	246.0	272.0	1	1	4.2	356.0
SMCJ250CA	SMCJ250A	BHZ	GHZ	250.0	279.0	309.0	1	1	3.7	405.0
SMCJ300CA	SMCJ300A	BJE	GJE	300.0	335.0	371.0	1	1	3.1	486.0
SMCJ350CA	SMCJ350A	BJG	GJG	350.0	391.0	432.0	1	1	2.6	567.0
SMCJ400CA	SMCJ400A	BJK	GJK	400.0	447.0	494.0	1	1	2.3	648.0
SMCJ440CA	SMCJ440A	BJM	GJM	440.0	492.0	543.0	1	1	2.1	713.0

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