1.5SMCJ5.0A-AU~1.5SMCJ70CA-AU

Part Number		Reverse Stand-off Voltage	Breakdown Voltage		Test Current	Reverse Leakage		Max. Clamp Voltage 10/1000μs	Peak Pulse Current 10/1000μs	Marking Code	
		V_{RWM} (Notes 4)	V_{BR} @ I_T		I_T	I_R @ V_{RWM}		V_C @ I_{PP}	I_{PP}		
			Min.	Max.		UNI	BI				
UNI	BI	V	V	V	mA	μA	μA	V	A	UNI	BI
1500W Transient Voltage Suppressor											
1.5SMCJ5.0A-AU	1.5SMCJ5.0CA-AU	5	6.4	7.25	10	1000	2000	9.2	163	GDE	BDE
1.5SMCJ6.0A-AU	1.5SMCJ6.0CA-AU	6	6.67	7.67	10	1000	2000	10.3	145.6	GDG	BDG
1.5SMCJ6.5A-AU	1.5SMCJ6.5CA-AU	6.5	7.22	8.3	10	500	1000	11.2	133.9	GDK	BDK
1.5SMCJ7.0A-AU	1.5SMCJ7.0CA-AU	7	7.78	8.95	10	200	400	12	125	GDM	BDM
1.5SMCJ7.5A-AU	1.5SMCJ7.5CA-AU	7.5	8.33	9.58	1	100	200	12.9	116.3	GDP	BDP
1.5SMCJ8.0A-AU	1.5SMCJ8.0CA-AU	8	8.89	10.23	1	50	100	13.6	110.3	GDR	BDR
1.5SMCJ8.5A-AU	1.5SMCJ8.5CA-AU	8.5	9.44	10.82	1	25	50	14.4	104.2	GDT	BDT
1.5SMCJ9.0A-AU	1.5SMCJ9.0CA-AU	9	10	11.5	1	10	20	15.4	97.4	GDV	BDV
1.5SMCJ10A-AU	1.5SMCJ10CA-AU	10	11.1	12.8	1	5	5	17	88.2	GDX	BDX
1.5SMCJ11A-AU	1.5SMCJ11CA-AU	11	12.2	14	1	1	1	18.2	82.4	GDZ	BDZ
1.5SMCJ12A-AU	1.5SMCJ12CA-AU	12	13.3	15.3	1	1	1	19.9	75.3	GEE	BEE
1.5SMCJ13A-AU	1.5SMCJ13CA-AU	13	14.4	16.5	1	1	1	21.5	69.7	GEG	BEG
1.5SMCJ14A-AU	1.5SMCJ14CA-AU	14	15.6	17.9	1	1	1	23.2	64.7	GEK	BEK
1.5SMCJ15A-AU	1.5SMCJ15CA-AU	15	16.7	19.2	1	1	1	24.4	61.5	GEM	BEM
1.5SMCJ16A-AU	1.5SMCJ16CA-AU	16	17.8	20.5	1	1	1	26	57.7	GEP	BEP
1.5SMCJ17A-AU	1.5SMCJ17CA-AU	17	18.9	21.7	1	1	1	27.6	53.3	GER	BER
1.5SMCJ18A-AU	1.5SMCJ18CA-AU	18	20	23.3	1	1	1	29.2	51.4	GET	BET
1.5SMCJ20A-AU	1.5SMCJ20CA-AU	20	22.2	25.5	1	1	1	32.4	46.3	GEV	BEV
1.5SMCJ22A-AU	1.5SMCJ22CA-AU	22	24.4	28	1	1	1	35.5	42.2	GEX	BEX
1.5SMCJ24A-AU	1.5SMCJ24CA-AU	24	26.7	30.7	1	1	1	38.9	38.6	GEZ	BEZ
1.5SMCJ26A-AU	1.5SMCJ26CA-AU	26	28.9	33.2	1	1	1	42.1	35.6	GFE	BFE
1.5SMCJ28A-AU	1.5SMCJ28CA-AU	28	31.1	35.8	1	1	1	45.4	33	GFG	BFG
1.5SMCJ30A-AU	1.5SMCJ30CA-AU	30	33.3	38.3	1	1	1	48.4	31	GFK	BFK
1.5SMCJ33A-AU	1.5SMCJ33CA-AU	33	36.7	42.2	1	1	1	53.3	28.1	GFM	BFM
1.5SMCJ36A-AU	1.5SMCJ36CA-AU	36	40	46	1	1	1	58.1	25.8	GFP	BFP
1.5SMCJ40A-AU	1.5SMCJ40CA-AU	40	44.4	51.1	1	1	1	64.5	23.2	GFR	BFR
1.5SMCJ43A-AU	1.5SMCJ43CA-AU	43	47.8	55	1	1	1	69.4	21.6	GFT	BFT
1.5SMCJ45A-AU	1.5SMCJ45CA-AU	45	50	57.5	1	1	1	72.7	20.6	GFV	BFV
1.5SMCJ48A-AU	1.5SMCJ48CA-AU	48	53.3	61.3	1	1	1	77.4	19.4	GFX	BFX
1.5SMCJ51A-AU	1.5SMCJ51CA-AU	51	56.7	65.2	1	1	1	82.4	18.2	GFZ	BFZ
1.5SMCJ54A-AU	1.5SMCJ54CA-AU	54	60	69	1	1	1	87.1	17.2	GGE	BGE
1.5SMCJ58A-AU	1.5SMCJ58CA-AU	58	64.4	74.1	1	1	1	93.6	16	GGG	BGG
1.5SMCJ60A-AU	1.5SMCJ60CA-AU	60	66.7	76.7	1	1	1	96.8	15.5	GGK	BG K
1.5SMCJ64A-AU	1.5SMCJ64CA-AU	64	71.1	81.8	1	1	1	103	14.6	GGM	BGM
1.5SMCJ70A-AU	1.5SMCJ70CA-AU	70	77.8	89.5	1	1	1	113	13.3	GGP	BGP

1.5SMCJ5.0A-AU~1.5SMCJ70CA-AU

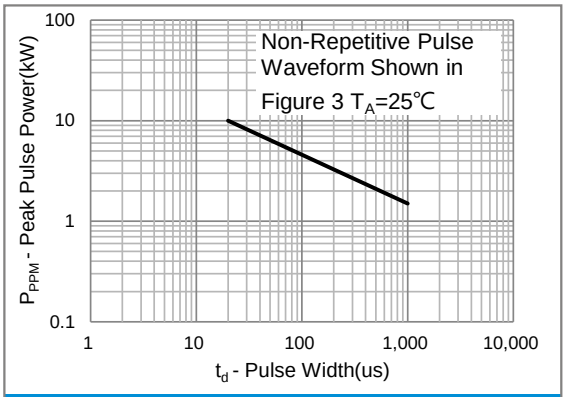


Fig.1 Peak Pulse Power Rating Curve

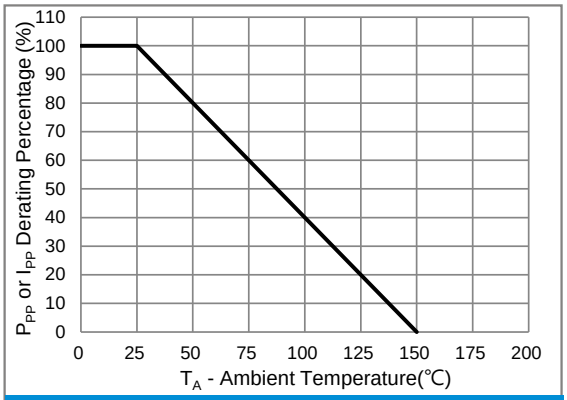


Fig.2 Derating Curve

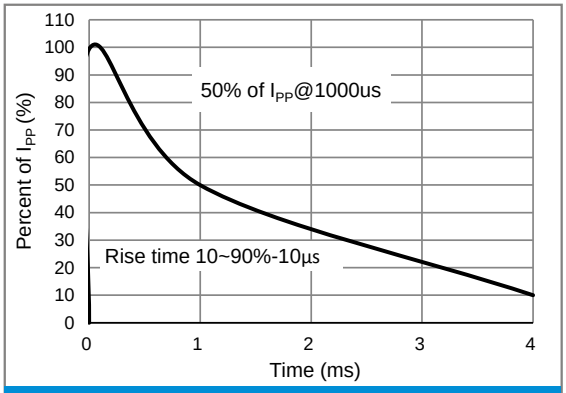


Fig.3 10/1000us Pulse Waveform

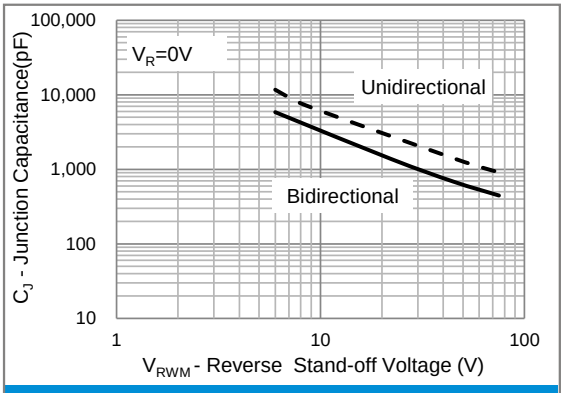


Fig.4 Typical Capacitance

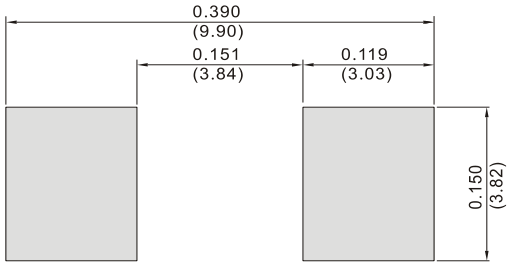
1.5SMCJ5.0A-AU~1.5SMCJ70CA-AU

Product and Packing Information

Part No.	Package Type	Packing Type	Marking
1.5SMCJxxxA-AU	SMC	0.8K pcs / 7” reel	See Table
1.5SMCJxxxA-AU	SMC	3K pcs / 13” reel	See Table

Mounting Pad Layout

SMC Pad Layout — Unit: inch(mm)



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