

Electrical Characteristics @ 25°C Unless Otherwise Specified

MCC Part Number		Breakdown Voltage V_{BR} @ I_T			Maximum Reverse Leakage $I_R @ V_{RWM}$ (μA)	Working Peak Reverse Voltage V_{RWM} (V)	Maximum Reverse Surge Current I_{PP} (A)	Maximum Clamping Voltage $V_C @ I_{PP}$ (V)
(Uni)	(Bi)	Min (V)	Max (V)	I_T (mA)				
SLD10A	SLD10CA	11.80	13.0	5	10	10	350.0	17.0
SLD11A	SLD11CA	12.20	13.5	5	10	11	327.0	18.2
SLD12A	SLD12CA	13.30	14.7	5	10	12	300.0	19.9
SLD13A	SLD13CA	14.40	15.9	5	10	13	277.0	21.5
SLD14A	SLD14CA	15.60	17.2	5	10	14	257.0	23.2
SLD15A	SLD15CA	16.70	18.5	5	10	15	245.0	24.4
SLD16A	SLD16CA	17.80	19.7	5	10	16	229.0	26.0
SLD17A	SLD17CA	18.90	20.9	5	10	17	216.0	27.6
SLD18A	SLD18CA	20.00	22.1	5	10	18	204.0	29.2
SLD20A	SLD20CA	22.20	24.5	5	10	20	184.0	32.4
SLD22A	SLD22CA	24.40	26.9	5	10	22	168.0	35.5
SLD24A	SLD24CA	25.00	30.0	5	10	24	153.0	38.9
SLD26A	SLD26CA	28.90	31.9	5	10	26	142.0	42.1
SLD28A	SLD28CA	31.10	34.4	5	10	28	131.0	45.4
SLD30A	SLD30CA	33.30	36.8	5	10	30	123.0	48.4
SLD33A	SLD33CA	36.70	40.6	5	10	33	112.0	53.3
SLD36A	SLD36CA	40.00	44.2	5	10	36	103.0	58.1
SLD40A	SLD40CA	44.40	49.1	5	10	40	92.5	64.5
SLD43A	SLD43CA	49.00	54.2	5	10	43	86.00	69.4
SLD48A	SLD48CA	53.30	58.9	5	10	48	77.00	77.4
SLD54A	SLD54CA	60.00	66.3	5	10	54	68.50	87.1
SLD58A	SLD58CA	64.40	71.2	5	10	58	64.00	93.6
SLD60A	SLD60CA	68.40	75.6	5	10	60	61.50	96.8

Note:

1. Add suffix ' CA ' after part number to specify Bi-directional devices
2. For Bi-Directional devices having V_R of 10 volts and under, the I_R limit is double
3. Surge current waveform is defined at 10/1000us waveform

Curve Characteristics

Fig. 1 - Peak Pulse Power Rating Curve

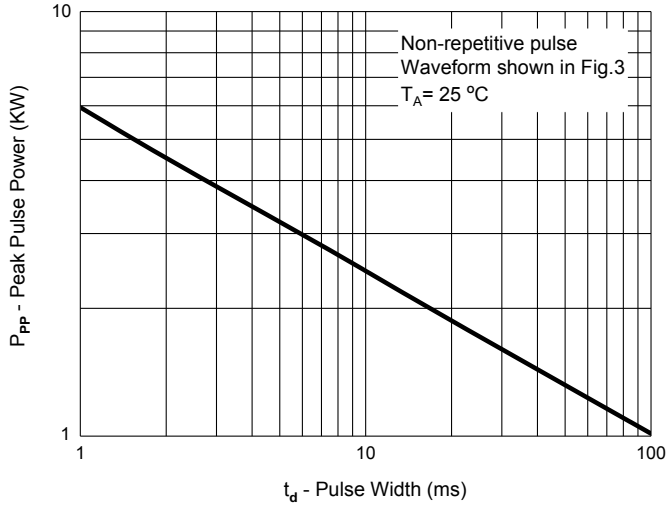


Fig. 2 - Typical Junction Capacitance

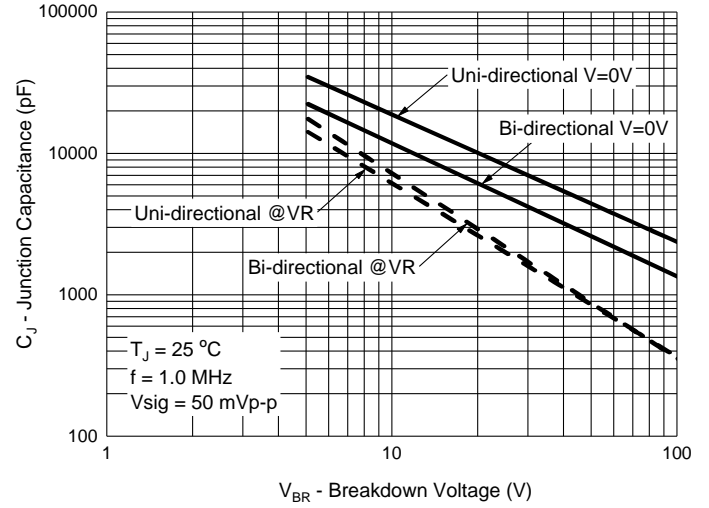


Fig. 3 - Pulse Waveform

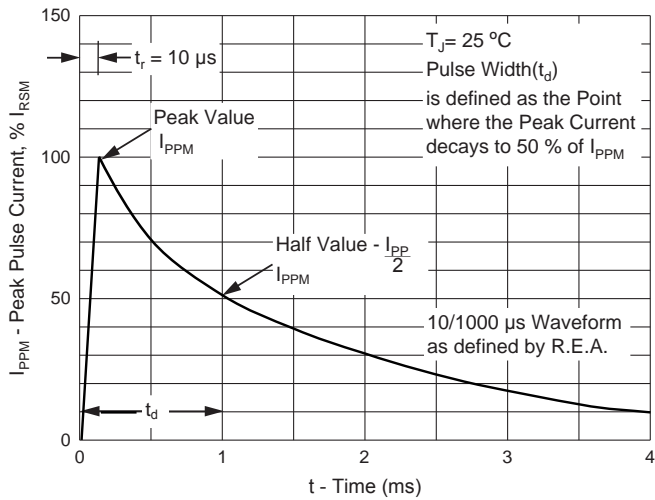
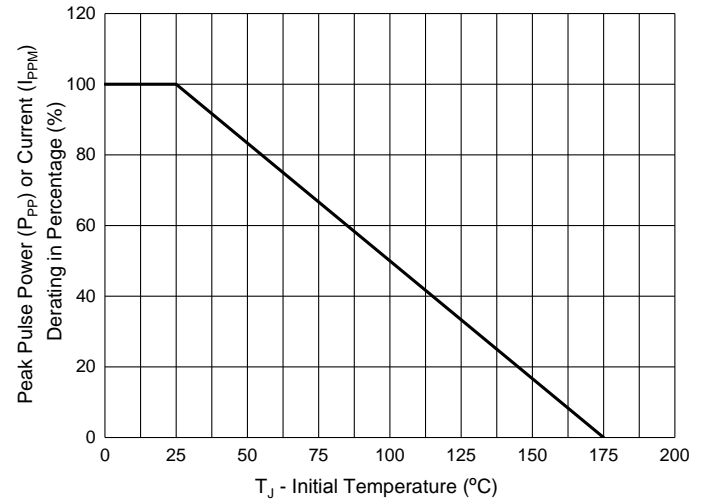


Fig. 4 - Pulse Derating Curve



Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel: 500pcs/Reel
(Part Number)-AP	Ammo Packing: 450pcs/Ammo Box
(Part Number)-BP	Bulk: 200pcs/Box ;4.8Kpcs/Carton

Note : Adding "-HF" Suffix For Halogen Free, eg. Part Number-TP-HF

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