

Electrical Characteristics @ 25°C (Unless Otherwise Specified)

Per Channel(I/O to GND Unless Otherwise Specified)

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse Working Voltage	V_{RWM}				5	V
Reverse Breakdown Voltage	V_{BR}	$I_T = 1mA$	6			V
Reverse Leakage Current	I_R	$V_{RWM} = 5V$			1	μA
Forward Voltage	V_F	$I_F = 10mA$	0.4		1.4	V
Clamping Voltage	V_C	$I_{PP} = 1A, t_p = 8/20\mu s$			15	V
Clamping Voltage	V_C	$I_{PP} = 3.5A, t_p = 8/20\mu s$			25	V
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz$			0.8	pF
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz,$ I/O to I/O			0.4	pF

Curve Characteristics

Fig. 1 - 8 X 20 μ s Pulse Waveform

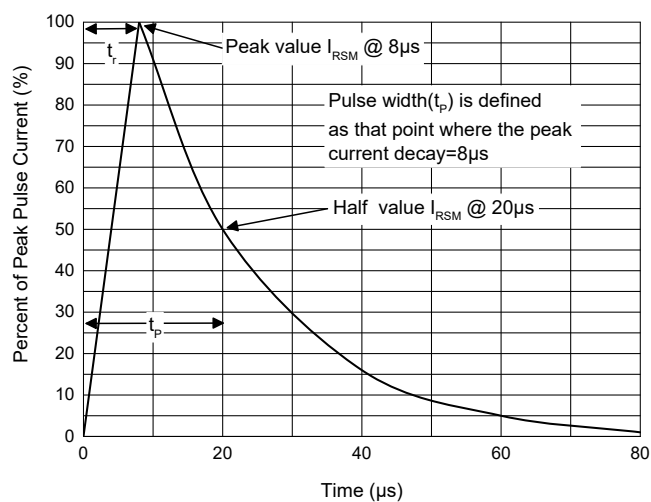


Fig. 2 - Pulse Derating Curve

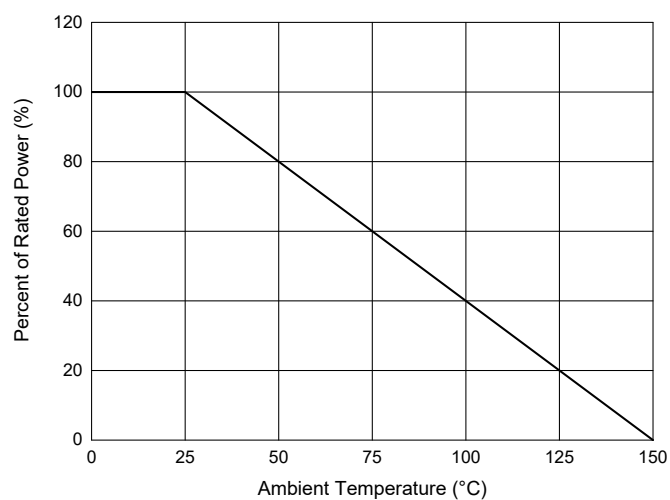


Fig. 3 - Capacitance Characteristics

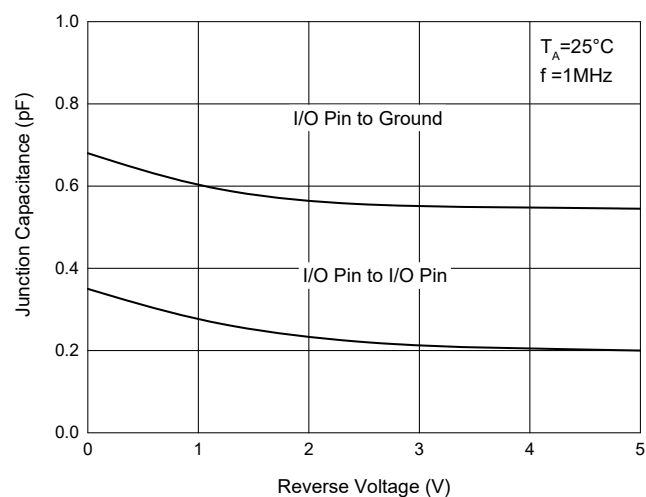
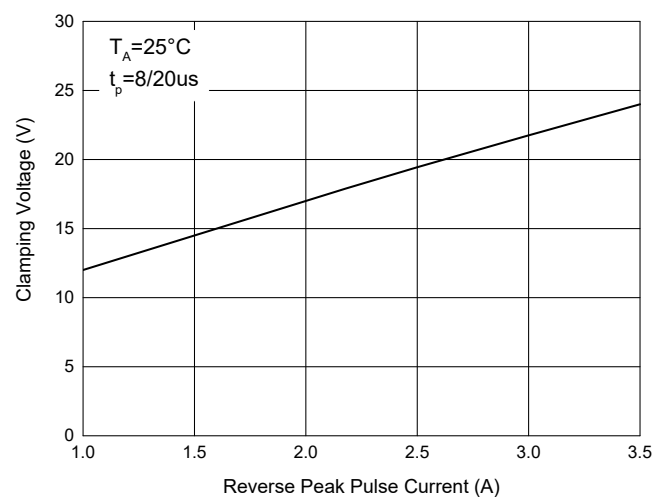


Fig. 4 - Clamping Voltage Characteristics



Ordering Information

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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