

Electrical Characteristics @ 25°C (Unless Otherwise Specified)

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Peak Reverse Stand-Off Voltage	V_{RRM}				70	V
Reverse Breakdown Voltage	V_{BR}	$I_T = 50\mu A$	85			V
Reverse Leakage Current	I_R	$V_{RWM} = 70V$			5	μA
Forward Clamping Voltage	V_{FC}	$I_{PP} = 1A, t_p = 8/20\mu s$			1.5	V
Forward Clamping Voltage	V_{FC}	$I_{PP} = 10A, t_p = 8/20\mu s$			3.3	V
Forward Clamping Voltage	V_{FC}	$I_{PP} = 24A, t_p = 8/20\mu s$			7	V
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz,$ Between I/O pin and Ground		5	10	pF
Junction Capacitance	C_J	$V_R = 0V, f = 1MHz,$ Between I/O Pins		3		pF

Curve Characteristics

Fig. 1 - 8 X 20µs Pulse Waveform

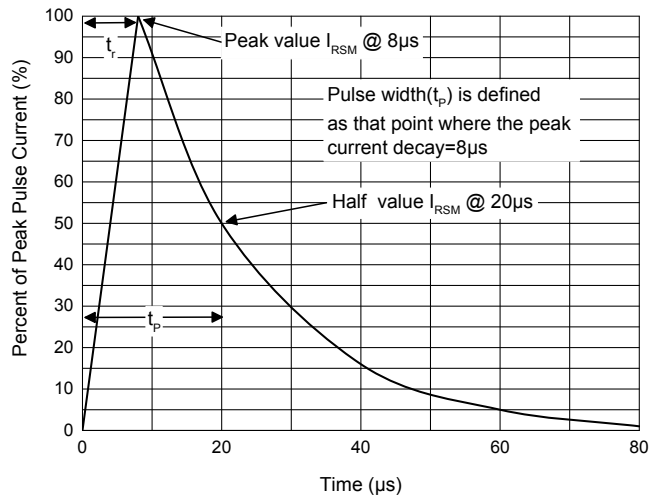


Fig. 2 - Pulse Derating Curve

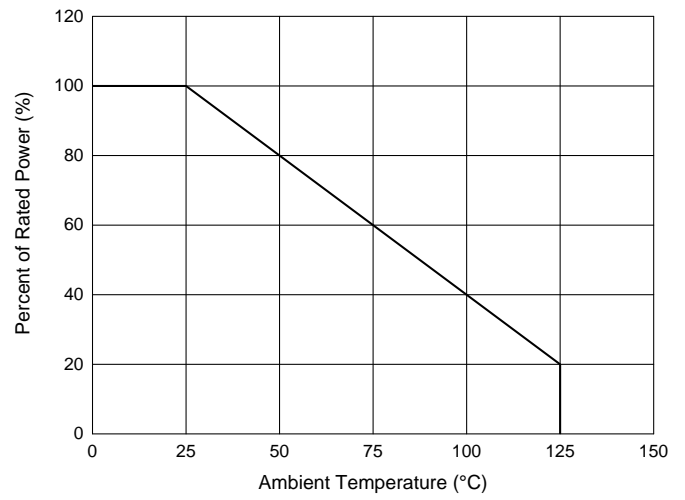


Fig. 3 - Forward Voltage Characteristics

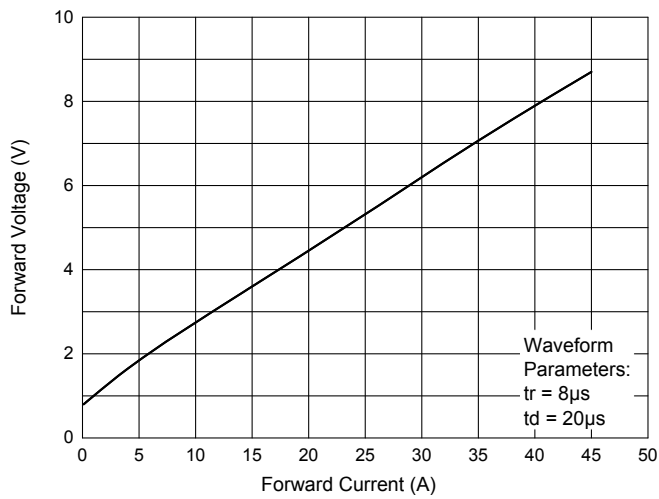
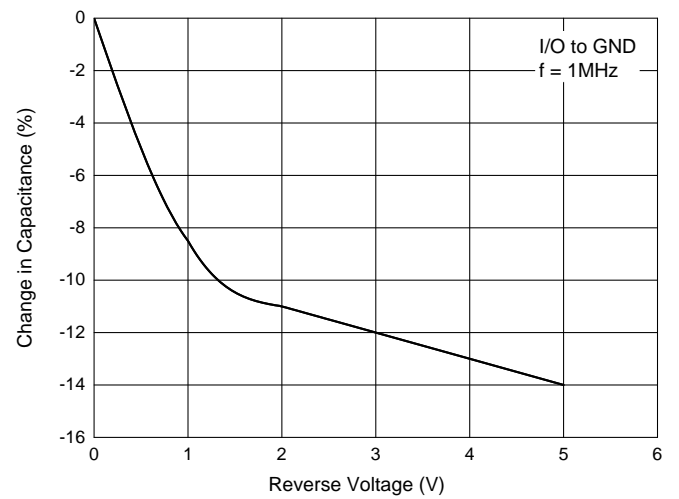


Fig. 4 - Change in Capacitance Characteristics



Ordering Information

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

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