

**Electrical Characteristics @ 25°C (Unless Otherwise Specified)**

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse Working Voltage	$V_{RWM}$				5	V
Reverse Breakdown Voltage	$V_{BR}$	$I_T = 1mA$	5.6			V
Reverse Leakage Current	$I_R$	$V_{RWM} = 5V$			1	$\mu A$
Clamping Voltage	$V_C$	$I_{PP}=1A$ , $t_P=8/20\mu s$ , Pin1 to Pin2			13.5	V
Clamping Voltage	$V_C$	$I_{PP}=5A$ , $t_P=8/20\mu s$ , Pin1or Pin2 to Pin3			20	V
Clamping Voltage	$V_C$	$I_{PP}=5A$ , $t_P=8/20\mu s$ , Pin1 to Pin2			23	V
Junction Capacitance	$C_J$	$V_R = 0V$ , $f = 1MHz$ , Pin1 to Pin2		1.4	2	pF
Junction Capacitance	$C_J$	$V_R = 0V$ , $f = 1MHz$ , Pin1or Pin2 to Pin3		2.8	3.5	pF

## Curve Characteristics

Fig. 1 - 8 X 20 $\mu$ s Pulse Waveform

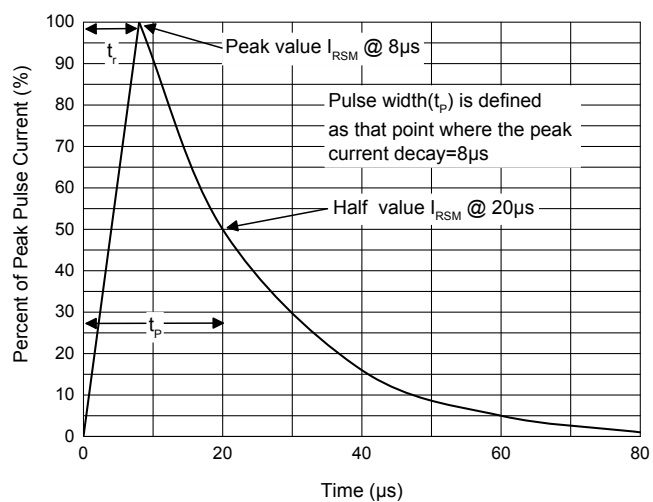


Fig. 2 - Pulse Derating Curve

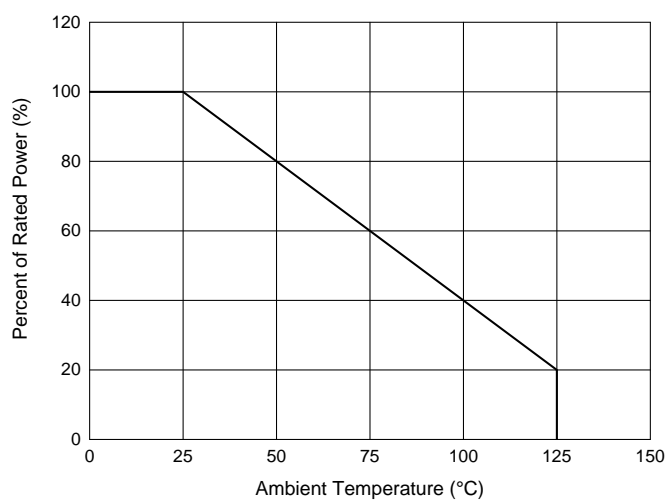


Fig. 3 -PIN1 or PIN2 to PIN3 Clamping Voltage Characteristics

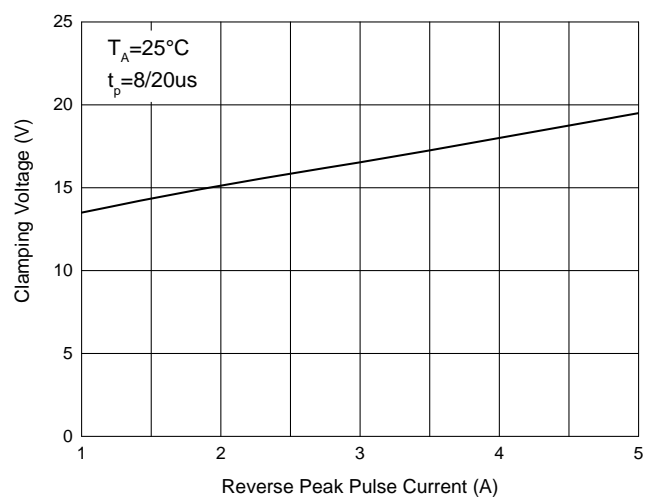
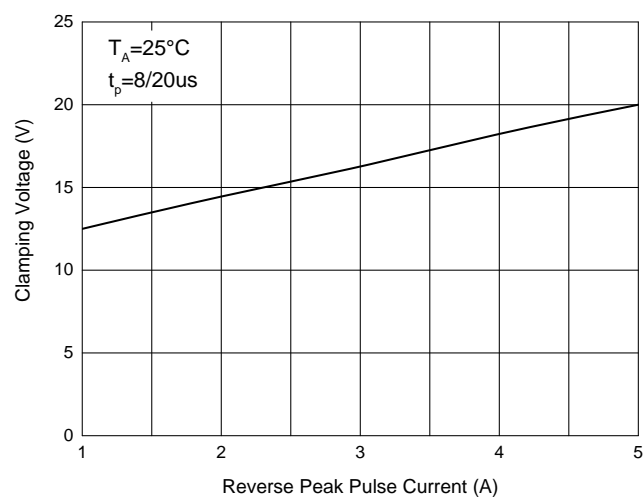


Fig. 4 -PIN1 to PIN2 Clamping Voltage Characteristics



## Ordering Information

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

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

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