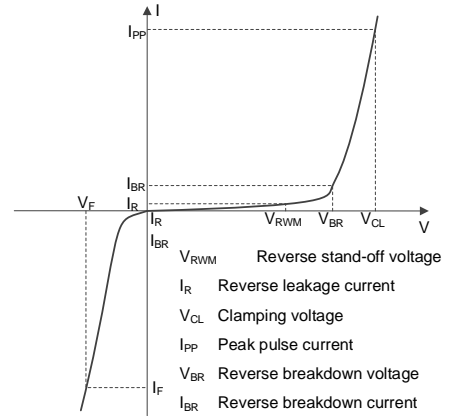






## Electrical Parameter

Symbol	Parameter
V <sub>C</sub>	Clamping Voltage @ I <sub>PP</sub>
I <sub>PP</sub>	Peak Pulse Current
V <sub>BR</sub>	Breakdown Voltage @ I <sub>T</sub>
I <sub>T</sub>	Test Current
I <sub>R</sub>	Reverse Leakage Current @ V <sub>RWM</sub>
V <sub>RWM</sub>	Reverse Standoff Voltage



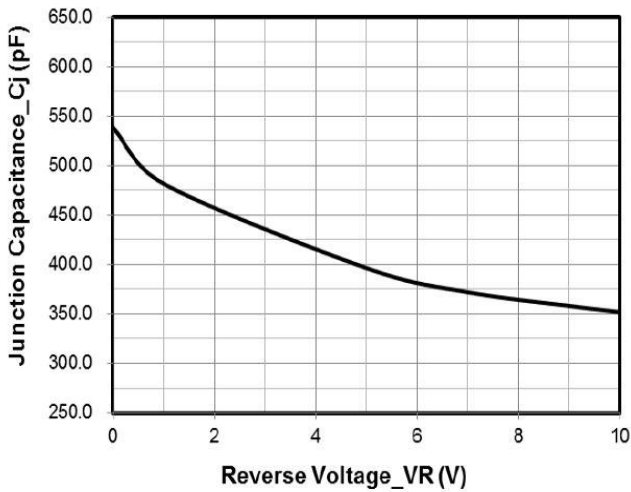
V-I characteristics for a Uni-directional TVS

## Electrical Characteristics (Ta=25 °C unless otherwise specified)

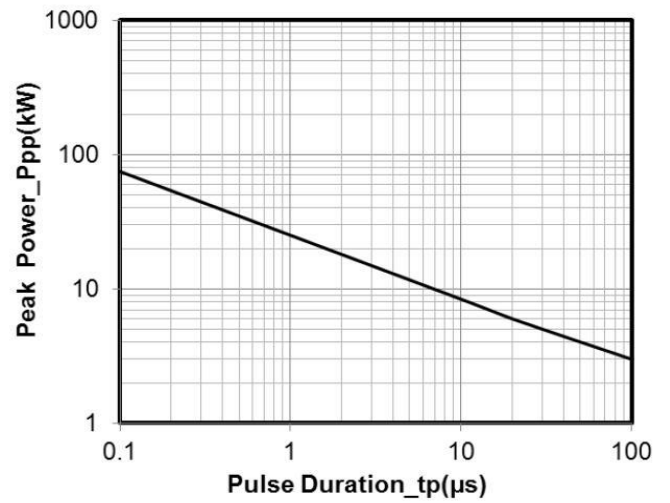
Parameter	Symbol	Test conditions	Min	Typ	Max	Unit
Reverse stand-off voltage	V <sub>RWM</sub> <sup>1)</sup>					V
Reverse leakage current	I <sub>R</sub>	V <sub>RWM</sub> = 0V			1	uA
Breakdown voltage	V <sub>BR</sub>	I <sub>T</sub> =1mA				V
Clamping voltage	V <sub>C</sub> <sup>2)</sup>	I <sub>PP</sub> =2 A				V
Junction capacitance	C <sub>J</sub>	V <sub>R</sub> =0V, f=1MHz		00		pF

1) Other voltages available upon request.

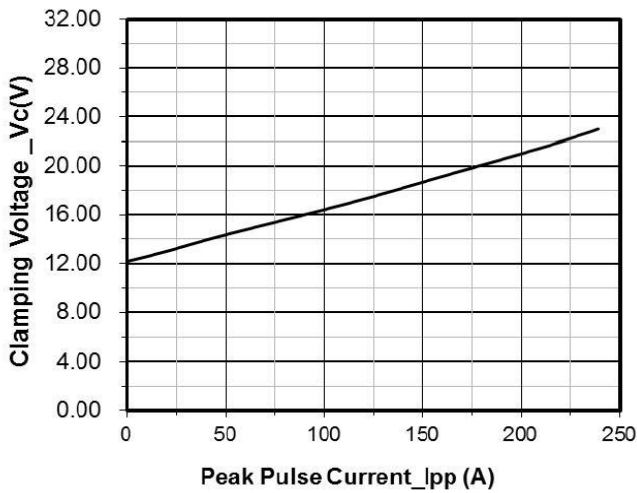
2) Non-repetitive current pulse V<sub>H</sub>[SRQHQLDO GHFD\ ZDYHIRU4F5 DFFRUGLQJ WR , (&



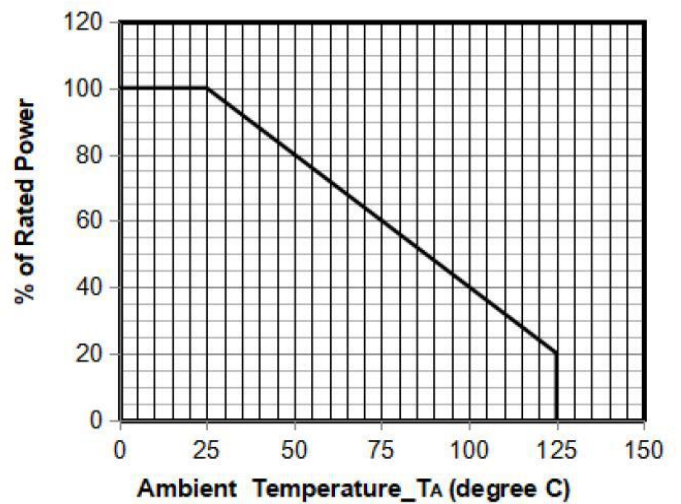
Novction Capacitance vs. Reverse Voltage



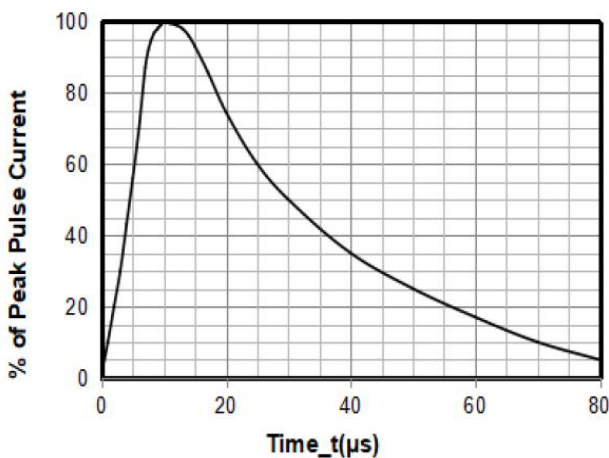
Peak Pulse Power vs. Pulse Time



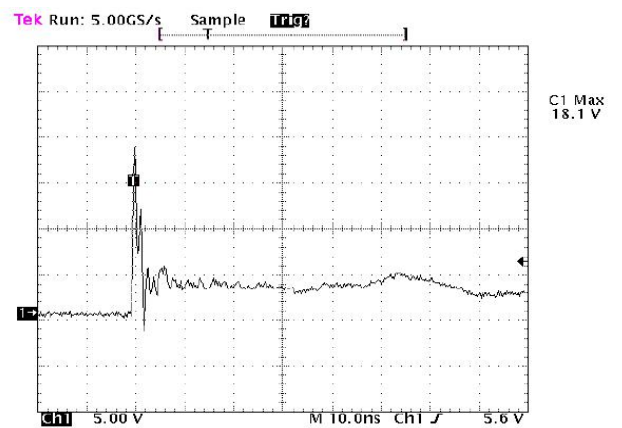
Clamping Voltage vs. Peak Pulse Current



Power Derating Curve



8 X 20μs Pulse Waveform



Note: Data is taken with a 10x attenuator

ESD Clamping Voltage

8 kV Contact per IEC61000-4-2

