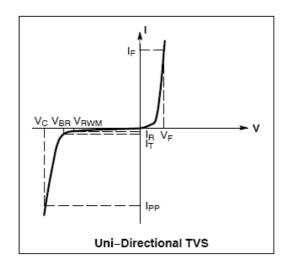


ELECTRICAL CHARACTERISTICS (T_A = 25°C unless otherwise noted)

Symbol	Parameter				
I _{PP}	Maximum Reverse Peak Pulse Current				
Vc	Clamping Voltage @ I _{PP}				
V_{RWM}	Working Peak Reverse Voltage				
I _R	Maximum Reverse Leakage Current @ V _{RWM}				
V_{BR}	Breakdown Voltage @ I _T				
I _T	Test Current				
I _F	Forward Current				
V _F	Forward Voltage @ I _F				
P _{pk}	Peak Power Dissipation				
С	Max. Capacitance @V _R =0 and f =1MHz				



ELECTRICAL CHARACTERISTICS ($T_A = 25^{\circ}C$ unless otherwise noted, $V_F = 0.9 \text{ V Max.}$ @ $I_F = 10\text{mA}$ for all types)

Device	Device Marking	V _{RWM} (V)	I _R (μΑ) @ V _{RWM}	V _{BR} (V) @ I _T (Note 2)	Ι _τ	I _{PP} (A) +	V _c (V) @Max I _{PP} +	P _{pk} + (W)	C (pF)
		Max	Max	Min	mA	Max	Max	Max	Тур
ESD3V3D7	E0	3.3	2.5	5.0	1.0	10.4	11.9	113	80
ESD5V0D7	E2	5.0	1.0	6.2	1.0	8.8	13.3	117	65
ESD12VD7	E3	12	1.0	13.5	1.0	5.4	23.7	128	30

⁺Surge current waveform per Figure 1.

TYPICAL CHARACTERISTICS

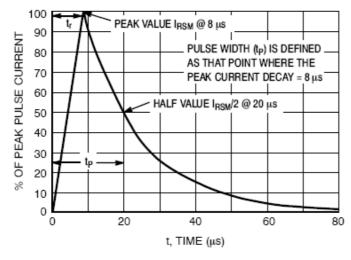
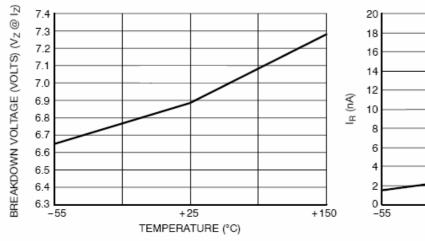


Figure 1. 8 x 20 µs Pulse Waveform

^{2.} V_{BR} is measured with a pulse test current I_T at an ambient temperature of 25°C.





20 18 16 14 12 10 8 6 4 2 0 -55 +25 +150 TEMPERATURE (°C)

Figure 2. Typical Breakdown Voltage versus Temperature

Figure 3. Typical Leakage Current versus Temperature



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Ordering Information:

Device	Packing			
Part Number-TP	Tape&Reel: 8Kpcs/Reel			
Part Number-TP-HF	Tape&Reel: 8Kpcs/Reel; Halogen free			

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