

SOD-323

- For sensitive ESD protection
- Bi-directional ESD protection of one line
- Operating voltage: 15V
- Moisture Sensitivity: Level 3 per J-STD-020

- : SOD323
- Matte Tin
- 15CM



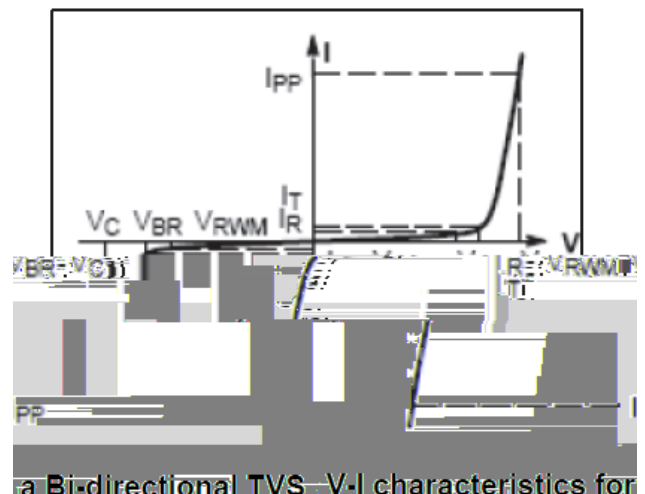
Operating Junction	T_J	-55 to +125	
Storage Temperature	T_{STG}	-55 to +150	

IEC61000-4-A

	$\frac{2}{33}$	18	A
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- (1).Device stressed with ten non-repetitive ESD pulses.
- (2).Non-repetitive current pulse 8/20 μ s exponential decay waveform according to IEC61000-4-5.

Clamping Voltage@ I_{PP}	V_C
Breakdown Voltage@ I_T	V_{BR}
Peak Pulse Current	I_{PP}
Test Current	I_T
Reverse Leakage Current@ V_{RWM}	I_R
Reverse Standoff Voltage	V_{RWM}
Peak Power Dissipation	P_{PK}
Max. Capacitance @ $V_R=0$ and $f=1$ MHz	C

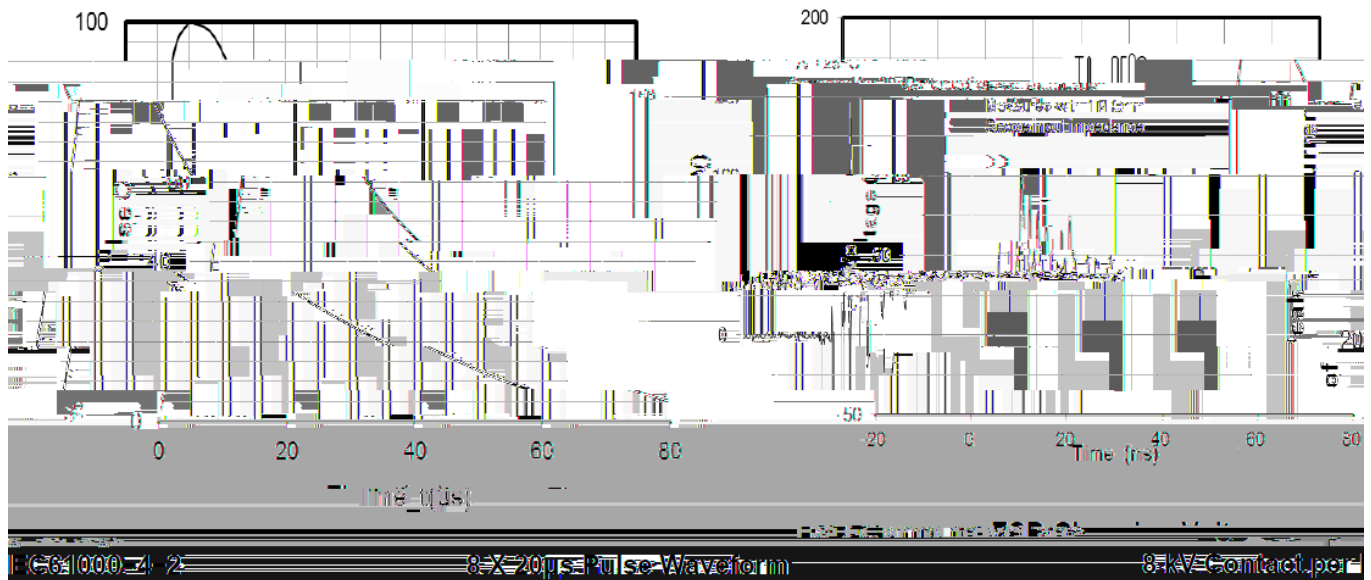
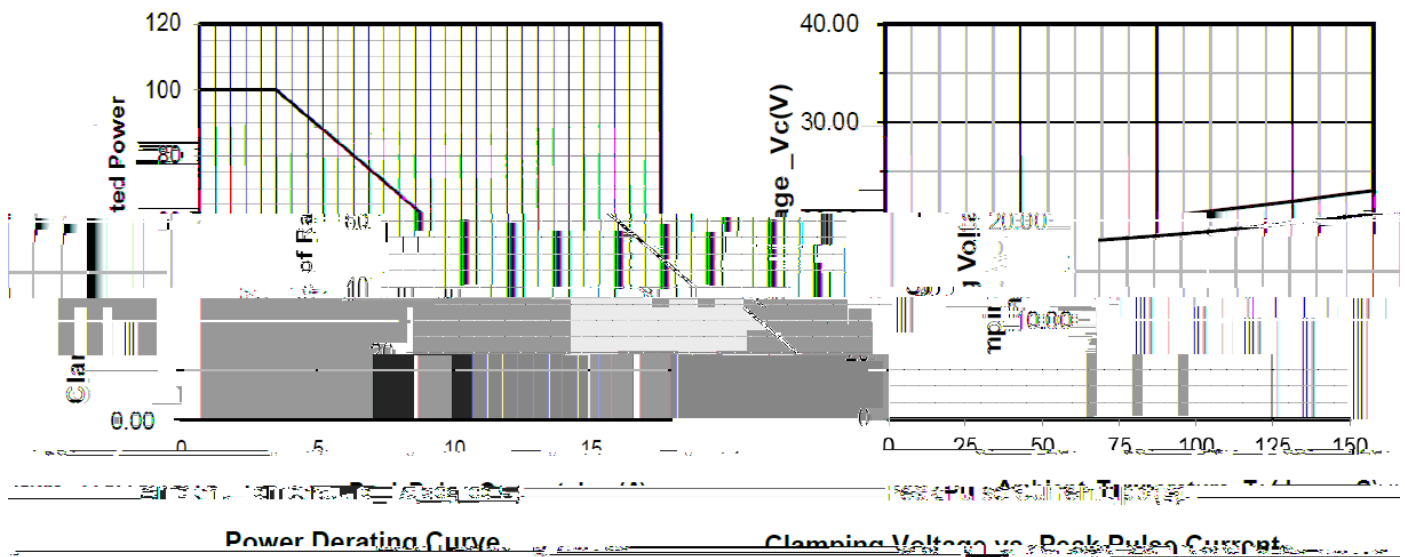


a Bi-directional TVS V-I characteristics for

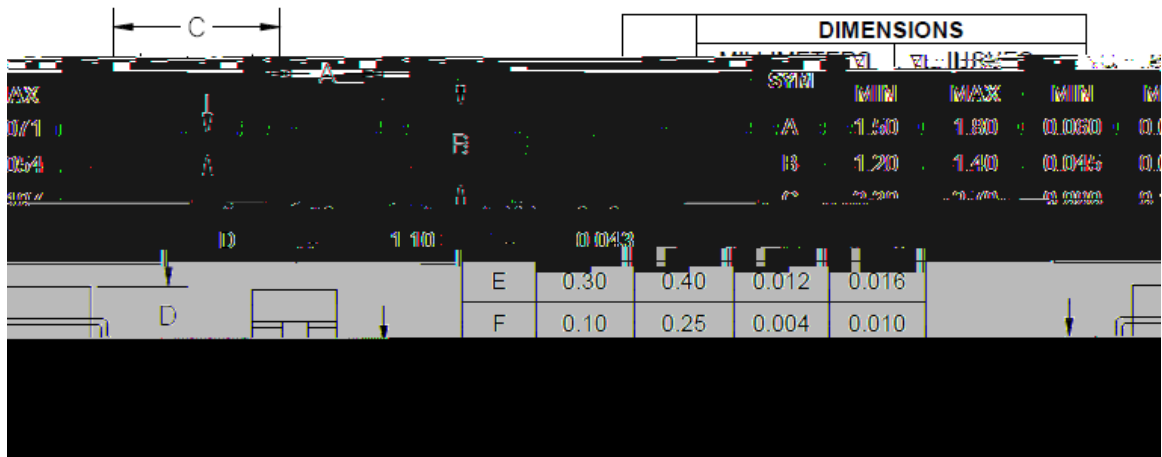


■ $T_a=25$ Unless otherwise specified

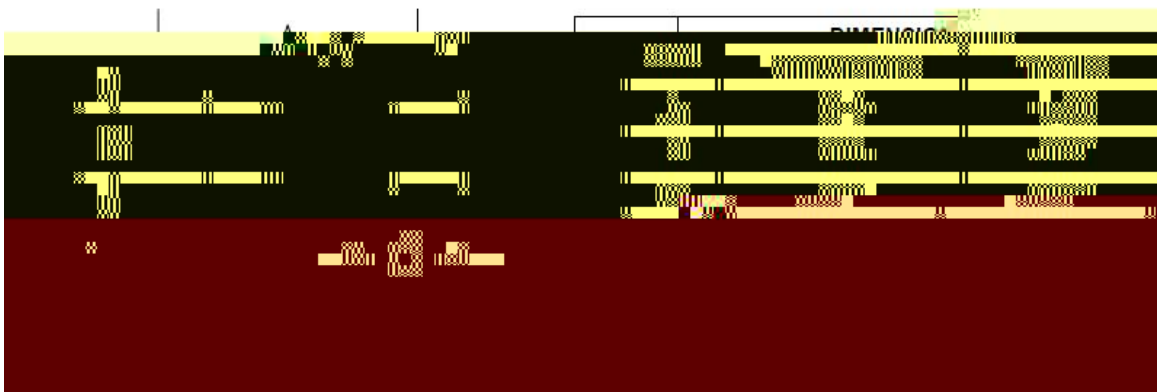
Reverse Standoff Voltage	V_{RWM}^1	V				15
Reverse Leakage Current	I_R	μA	$V_{RWM}=15V$			0.5
Breakdown Voltage	$V_{(BR)}$	V	$I_T=1mA$	16.7		
Clamping Voltage	V					



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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of which would directly endanger human life (such as medical instru