

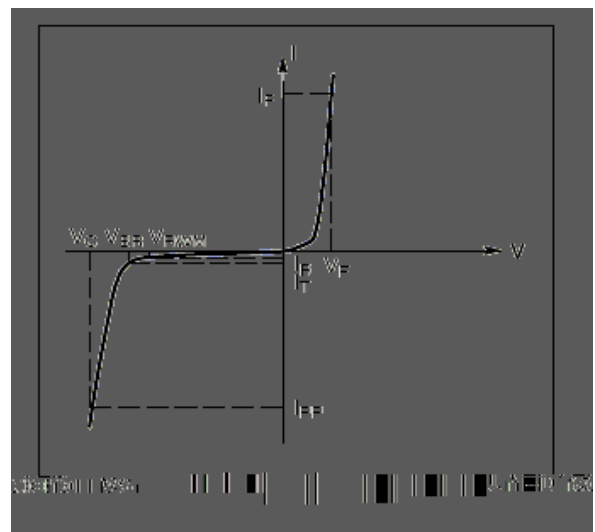
For sensitive ESD protection  
 Low leakage  
 Uni-directional ESD protection of one line  
 Epoxy meets UL 94 V-0 flammability rating  
 Moisture Sensitivity Level 1

: SOD323  
 : Tin plated leads, solderable per  
 J-STD-002 and JESD22-B102  
 Cathode line denotes the cathode end  
 ZP

Operating Junction & Storage Temperature	$T_J$ & $T_{STG}$	-45 to +125	
IEC61000-4-2(ESD)Air	VESD <sup>1</sup>	±30	KV
IEC61000-4-2(ESD)Contact		±30	KV
Peak Pulse Power	$P_{PK}$ <sup>2</sup>	440	W
Peak Pulse Current	$I_{PP}$ <sup>2</sup>	17	A

M

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	$V_{RWM}$
Forward Voltage@ $I_F$	$V_F$
Forward Current	$I_F$
Peak Power Dissipation	$P_{PK}$
Max. Capacitance @ $V_R=0$ and $f=1MHz$	C





T<sub>a</sub>=25 Unless otherwise specified

Reverse Standoff Voltage	V <sub>RWM</sub> <sup>1</sup>	V				15
Reverse Leakage Current	I <sub>R</sub>	uA	VRWM=15V			1
Breakdown Voltage	V <sub>(BR)</sub>	V	I <sub>T</sub> =1mA	16		20
Clamping Voltage	V <sub>C</sub> <sup>2</sup>	V	I <sub>PP</sub> =17A			26
Forward voltage	V <sub>F</sub>	V	I <sub>F</sub> =100mA			1.1
Junction Capacitance	C <sub>J</sub>	pF V	I 5	M E		Â



