

~ SOD-323

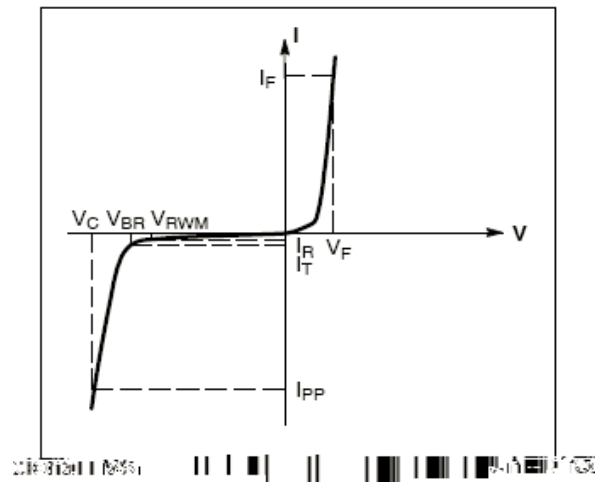
For sensitive ESD protection
 Low leakage
 Uni-directional ESD protection of one line
 Epoxy meets UL 94 V-0 flammability rating
 Moisture Sensitivity Level 1

: 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 ¹	±30	KV
IEC61000-4-2(ESD)Contact		±30	KV
Peak Pulse Power	P_{PK} ²	440	W
Peak Pulse Current	I_{PP} ²	17	A

(1).Device stres ehhtt

	SYMBOL
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_a=25 Unless otherwise specified

Reverse Standoff Voltage	V _{RWM} ¹	V				15
Reverse Leakage Current	I _R	uA	VRWM=15V			1
Breakdown Voltage	V _(BR)	V	I _T =1mA	16		20
Clamping Voltage	V _C ²	V	I _{PP} =17A			26
Forward voltage	V _F	V	I _F =100mA			1.1
Junction Capacitance	C _J	pF V	I 5	M E		Â

