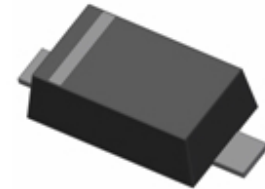
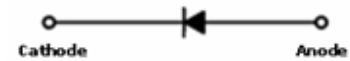


Absolute Maximum Ratings T_A = 25°C unless otherwise noted

Symbol	Parameter	Value	Units
P _D	Power Dissipation	250	mW
T _{STG}	Storage Temperature Range	-55 to +125	°C
T _J	Junction Temperature	+125	°C
V _{RM}	Repetitive Peak Reverse Voltage	40	V
I _O	Average Rectified Output Current	1	A
I _{FSM}	Peak Forward Surge Current (t=8.3ms Single Half Sine-wave)	9	A
I _{FRM}	Repetitive Peak Forward Current	1.5	A



SOD-323 Flat Lead



These ratings are limiting values above which the serviceability of the diode may be impaired.

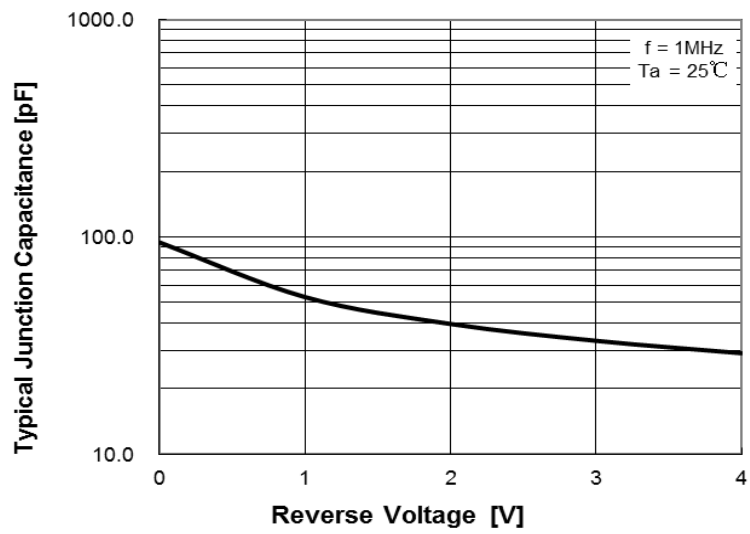
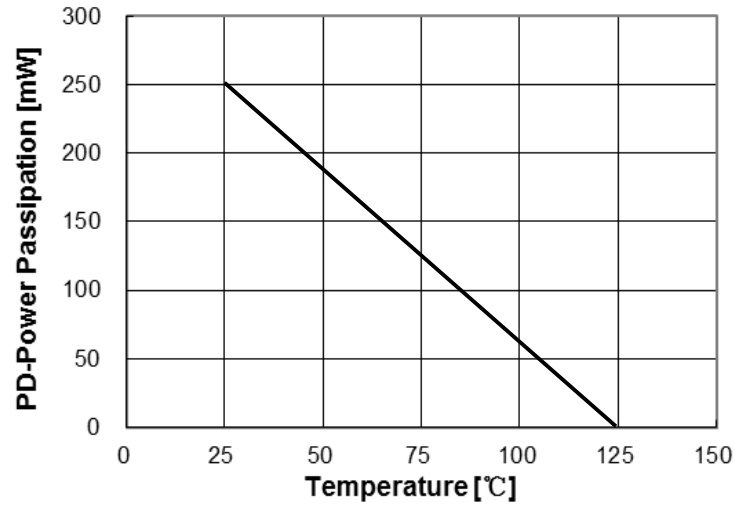
Specification Features:

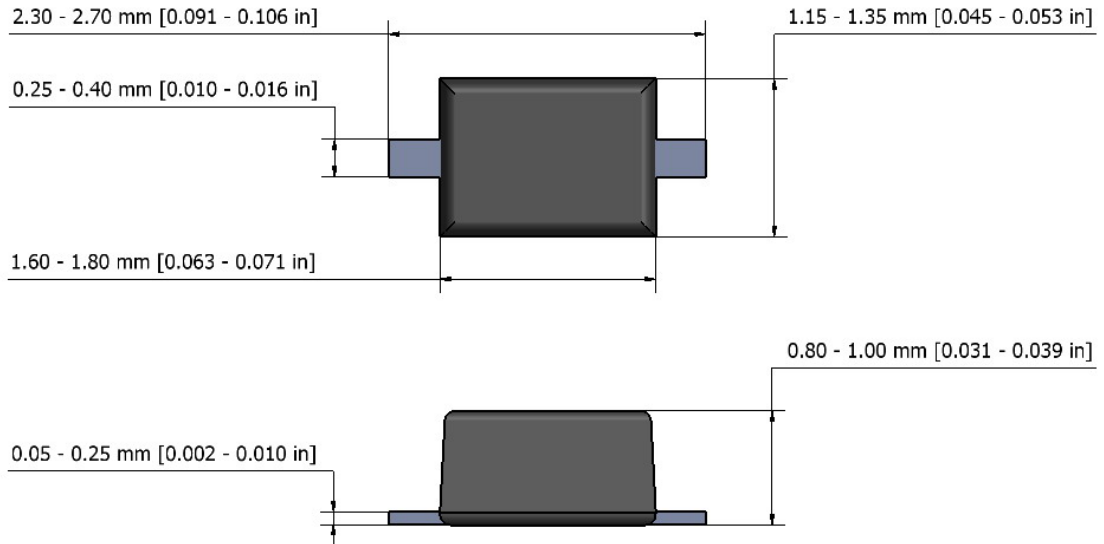
- RoHS Compliant
- Green EMC
- Matte Tin(Sn) Lead Finish
- Band Indicates Cathode
- Weight: approx. 0.004g

Electrical Characteristics T_A = 25°C unless otherwise noted

Symbol	Parameter	Test Condition	Limits			Unit
			Min	Typ	Max	
V _{BR}	Reverse Breakdown Voltage	I _R =1mA	40	--	--	Volts
I _R	Reverse Leakage Current	V _R =40V	--	--	1	mA
V _F	Forward Voltage	I _F =1A	--	--	0.60	Volts
Cd	Diode Capacitance	V _R =4V, f= 1MHz	--	30	--	pF

RATING AND CHARACTERISTIC CURVES



SOD-323 Package Outline

NOTES:

1. The above package outline is similar to JEITA SC-90.
2. Dimensions are exclusive of Burrs, Mold Flash & Tie Bar extrusions.

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