

## Absolute Maximum Ratings (Ta = 25°C)

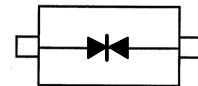
Characteristic	Symbol	Rating	Unit
Power dissipation	P	150*	mW
Junction temperature	T <sub>j</sub>	150	°C
Storage temperature range	T <sub>stg</sub>	-55 to 150	°C

\*: Mounted on a glass epoxy circuit board of 20 mm × 20 mm,  
pad dimension of 4 mm × 4 mm.

## SOD-923



## Equivalent Circuit



## Electrical Characteristics (Ta = 25°C)

Characteristic	Symbol	Test Condition	Min	Typ.	Max	Unit
Reverse stand-off voltage	V <sub>RWM</sub>	—	—	—	5.0	V
Reverse breakdown voltage	V <sub>R</sub>	I <sub>R</sub> = 1 mA	5.8	6.8	7.8	V
Reverse current	I <sub>R</sub>	V <sub>RWM</sub> = 5 V	—	—	0.5	μA
Total capacitance	C <sub>T</sub>	V <sub>R</sub> = 0 V, f = 1 MHz	—	15	—	pF

## Guaranteed Level of ESD Immunity

Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	±8 kV

Criterion: No damage to device elements

## Pad Dimension (Reference)

Unit in mm

