

Silicon Zener Diode

Feature

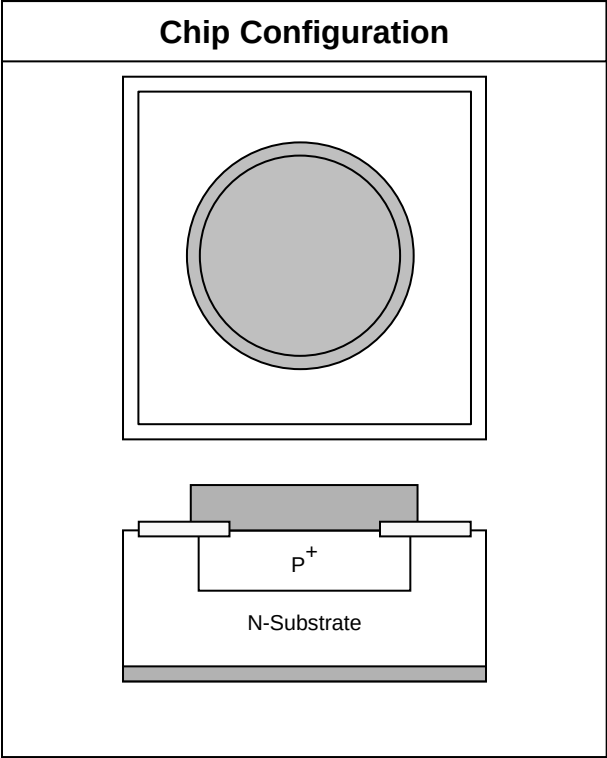
- Low leakage current

Structure

- Unidirectional : P-Top
- Top electrode : Gold
- Bottom electrode : Gold

Size

- Chip size : 170(±15) μm x 170(±15) μm
- Thickness : 100(±15) μm
- Pad size : 100 μm(Φ)



Electrical Characteristics (Ta = 25℃)

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F = 5 mA	-	0.8	1.2	V
Zener Voltage	V _Z	I _Z = 5 mA	5.8	6.8	7.5	V
Reverse Leakage Current	I _R	V _R = 4 V	-	-	0.1	μA

Absolute Maximum Rating (Ta = 25℃)

Parameter	Symbol	Maximum Rating	Unit
Power dissipation	P _d	50	mW
Junction Temperature	I _J	150	℃

Equivalent Circuit

