

Silicon Zener Diode

Feature

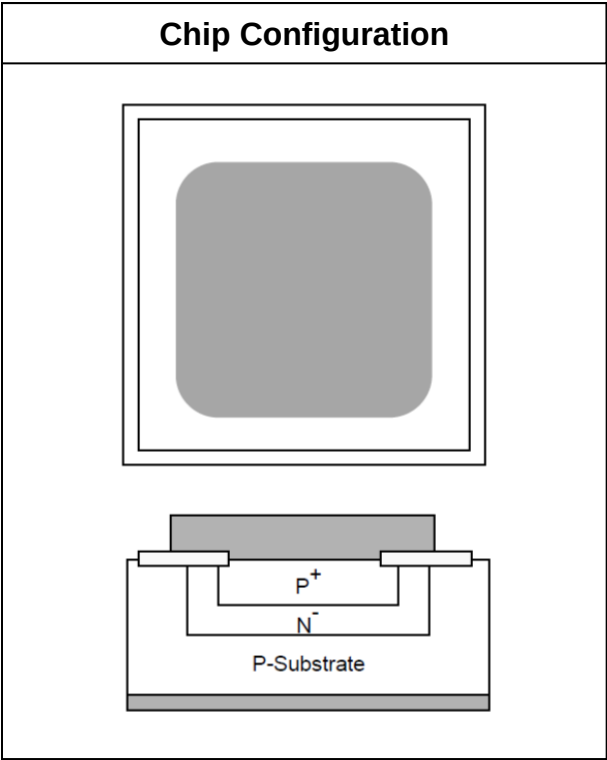
- Low leakage current

Structure

- Bidirectional Verticle : PNP
- Top electrode : Gold
- Bottom electrode : Gold

Size

- Chip size : 150(±20) μm x 150(±20) μm
- Thickness : 100(±20) μm
- Pad size : 100 μm x 100 μm



Absolute Maximum Rating (Ta = 25 °C)

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

Electrical Characteristics (Ta = 25 °C)

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F = 5 mA	8	-	13	V
Forward Leakage Current	I _F	V _F = 4 V	-	-	100	nA
Zener Voltage	V _z	I _z = 5 mA	11	-	17	V
Reverse Leakage Current	I _R	V _R = 4V	-	-	100	nA

Equivalent Circuit

