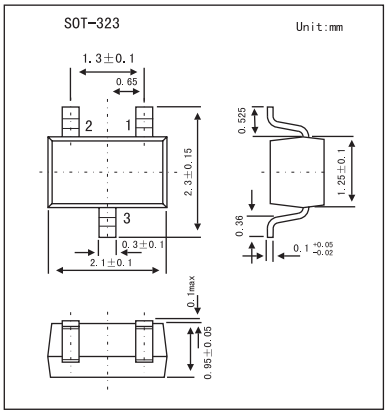
PIN Diode for VHF,UHF,AGC Applications

1SV249



Features

- Very small-sized package facilitates high-density mounting and permits 1SV249-applied equipment to be made smaller.
- Small interterminal capacitance (C=0.23pF typ).
- Small forward series resistance (rs=4.5 Ω typ).

Absolute Maximum Ratings Ta = 25℃

Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	50	V
Forward Current	I_F	50	mA
Allowable Power Dissipation	P	100	mW
Junction Temperature	T_j	125	℃
Storage temperature	T_{stg}	-55 to +125	℃

Electrical Characteristics Ta = 25℃

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse Voltage	V_R	I_R = 10 μA	50			V
Reverse Current	I_R	V_R = 50 V			0.1	μA
Forward Voltage	V_F	I_F = 50 mA		0.95		V
Interterminal Capacitance	C	V_R = 50 V, f = 1 MHz		0.23		pF
Series Resistance	rs	I_F = 10 mA,f = 100 MHz			4.5	Ω

Marking

Marking	GV