

1SS351

Silicon Epitaxial Schottky Barrier Diode

UHF Detector, Mixer Applications

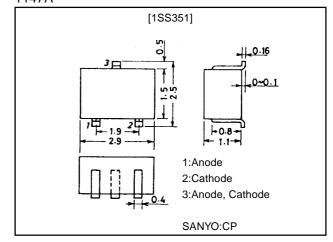
Features

- Series connection of 2 elements in a small-sized package facilitates high-density mounting and permits 1SS351-applied equipment to be made smaller
- · Small interterminal capacitance (C=0.69pF typ).
- \cdot Small forward voltage (V_F=0.23V max).

Package Dimensions

unit:mm

1147A



Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	V _{RM}		5	V
Forward Current	lF		30	mA
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-55 to +125	°C

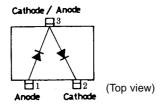
Electrical Characteristics at Ta = 25°C

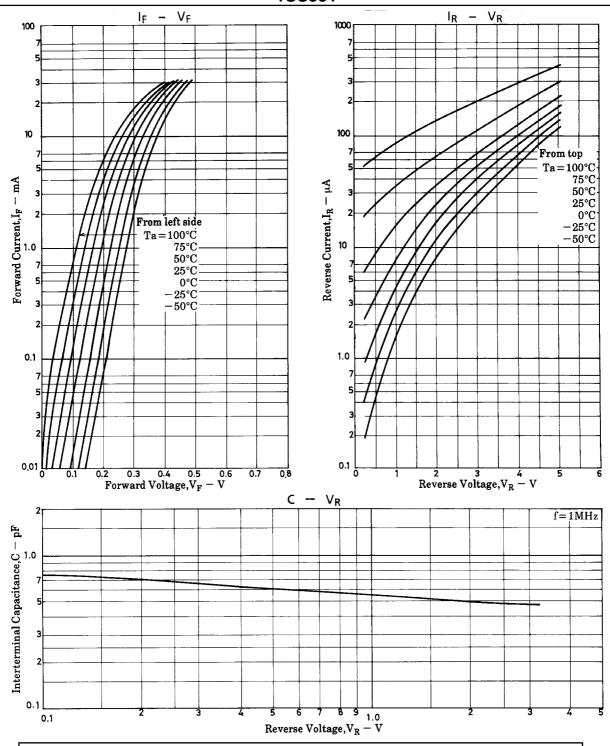
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	٧F	I _F =1mA			0.23	V
Forward Current	l _F	V _F =0.5V	30			mA
Reverse Current	I _R	V _R =0.5V			25	μA
Interterminal Capacitance	С	V _R =0.2V, f=1MHz		0.69	0.9	pF

Note)*:The specifications shown above are for each individual diode.

· Marking:CH

Electrical Connection





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