Ordering number :EN3240B

1SS351

Sillicon Epitaxial Schottky Barrier Diode

UHF Detector, Mixer Applications

Features

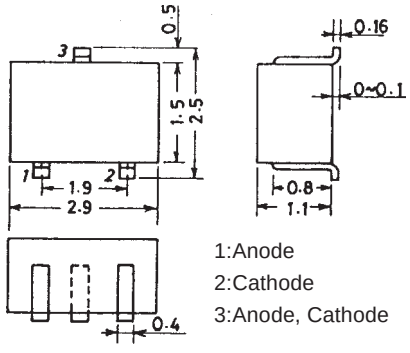
- Series connection of 2 elements in a small-sized package facilitates high-density mounting and permits 1SS351-applied equipment to be made smaller.
- Small interterminal capacitance (C=0.69pF typ).
- Small forward voltage (V_F=0.23V max).

Package Dimensions

unit:mm

1147A

[1SS351]



1:Anode
2:Cathode
3:Anode, Cathode

SANYO:CP

Specifications

Absolute Maximum Ratings at Ta = 25˚C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	V_{RM}		5	V
Forward Current	I_F		30	mA
Junction Temperature	Tj		125	˚C
Storage Temperature	Tstg		–55 to +125	˚C

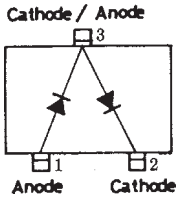
Electrical Characteristics at Ta = 25˚C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	I_F=1mA			0.23	V
Forward Current	I_F	V_F=0.5V	30			mA
Reverse Current	I_R	V_R=0.5V			25	µA
Interterminal Capacitance	C	V_R=0.2V, f=1MHz		0.69	0.9	pF

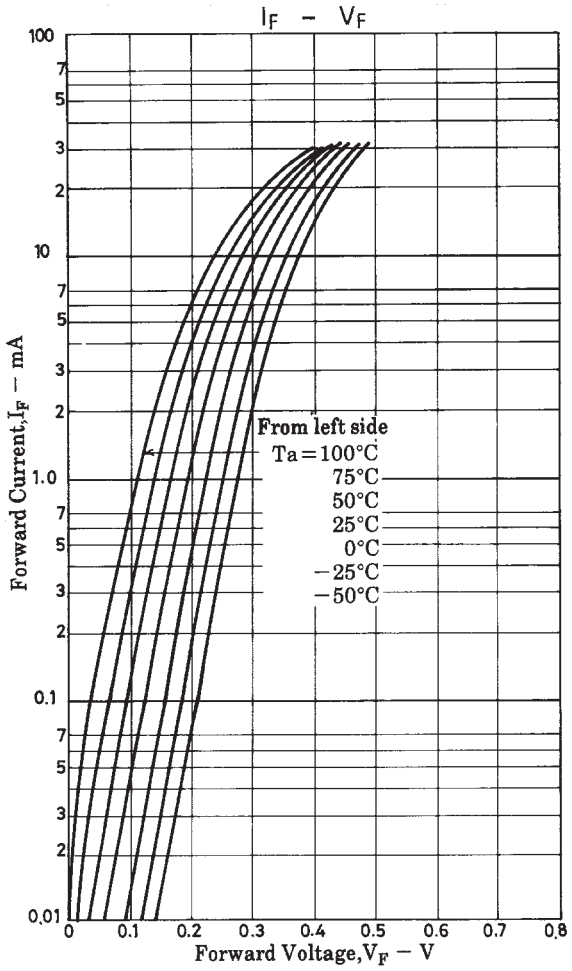
Note)*:The specifications shown above are for each individual diode.

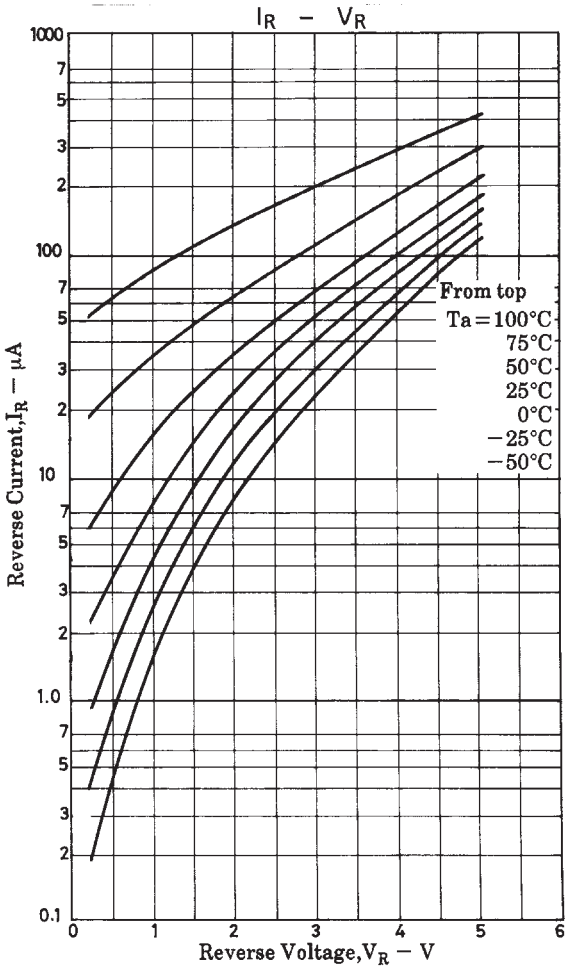
· Marking:CH

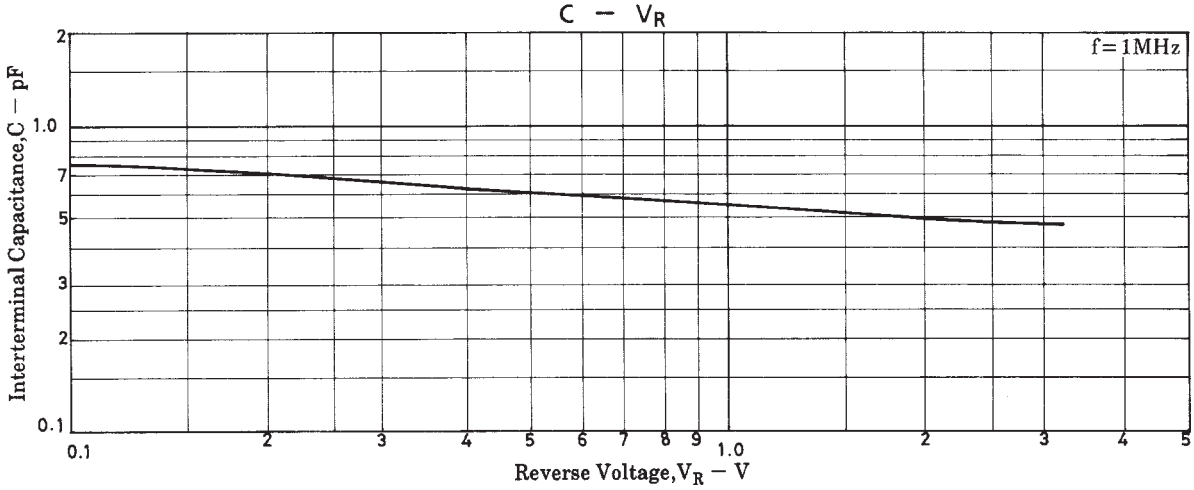
Electrical Connection



(Top view)







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This catalog provides information as of March, 1998. Specifications and information herein are subject to change without notice.