

**1SS365**

Schottky Barrier Diode

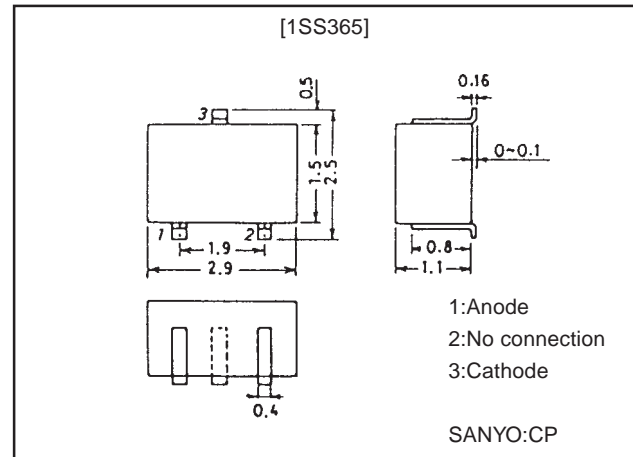
**VHF, UHF Detector and Mixer Applications****Features**

- Small-sized package facilitates high-density mounting and permits 1SS365-applied equipment to be made smaller.
- Small interterminal capacitance.
- Low forward voltage.
- High breakdown voltage.

**Package Dimensions**

unit:mm

1148A

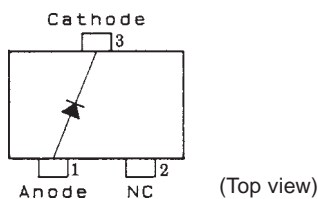
**Specifications****Absolute Maximum Ratings at Ta = 25°C**

Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	$V_R$		10	V
Forward Current	$I_F$		35	mA
Junction Temperature	$T_j$		125	°C
Storage Temperature	$T_{stg}$		-55 to +125	°C

**Electrical Characteristics at Ta = 25°C**

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	$V_F(1)$	$I_F=1\text{mA}$	350		420	mV
	$V_F(2)$	$I_F=10\text{mA}$	480		580	mV
Forward Current	$I_F$	$V_F=1\text{V}$	35			mA
Reverse Current	$I_R(1)$	$V_R=2\text{V}$			0.2	$\mu\text{A}$
	$I_R(2)$	$V_R=10\text{V}$			10	$\mu\text{A}$
Interterminal Capacitance	C	$V_R=10\text{V}, f=1\text{MHz}$			0.85	pF

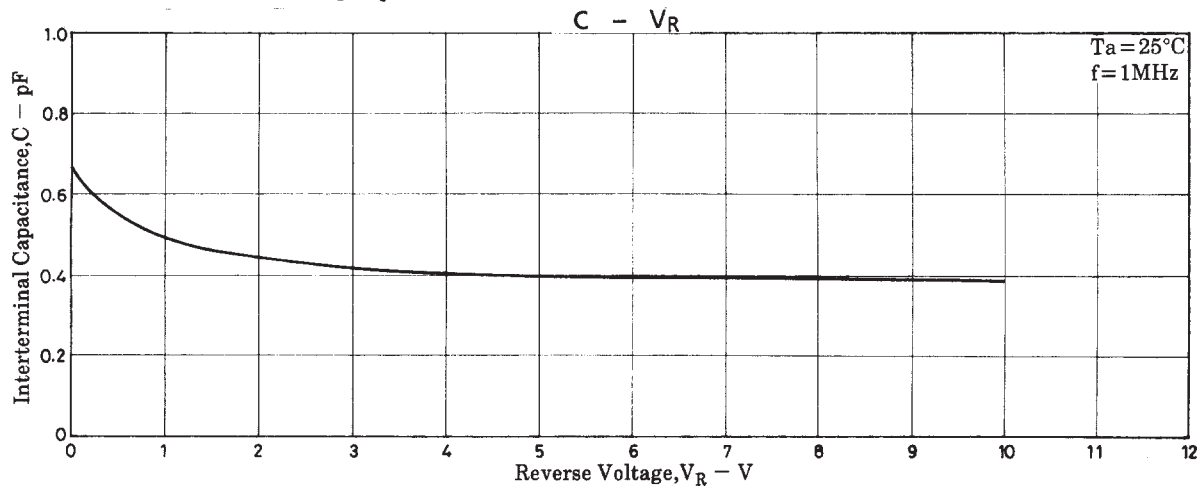
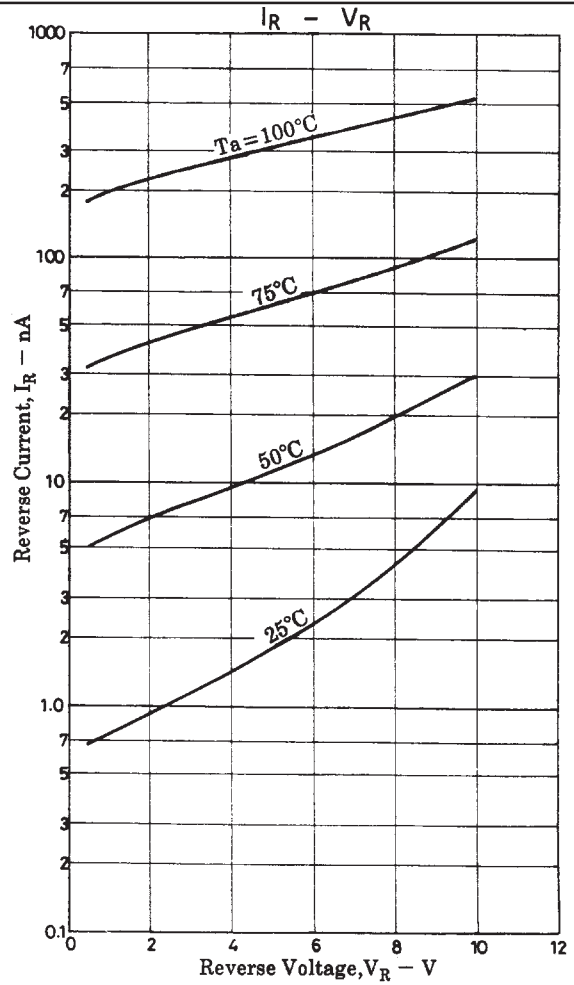
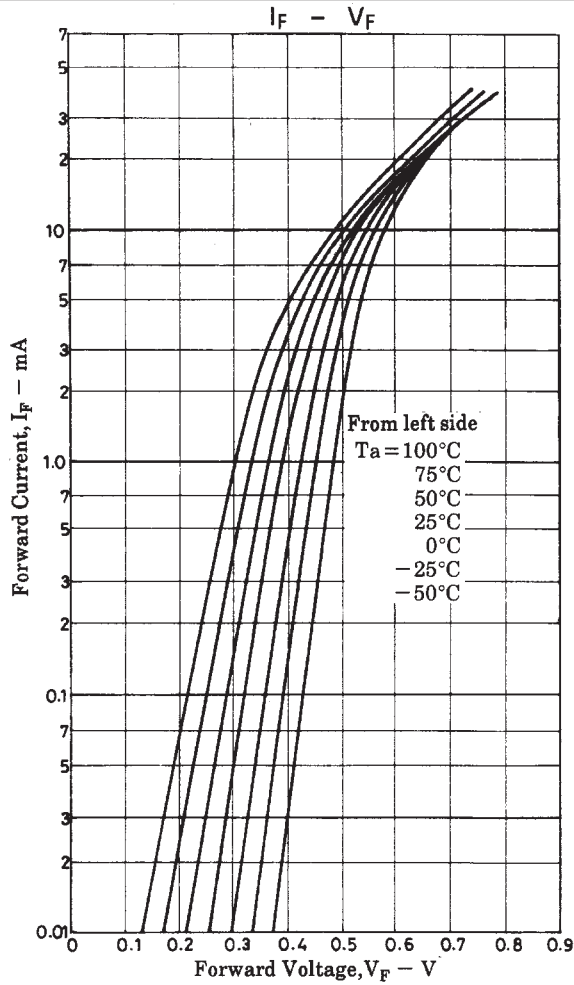
· Marking:EH

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# 1SS365



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