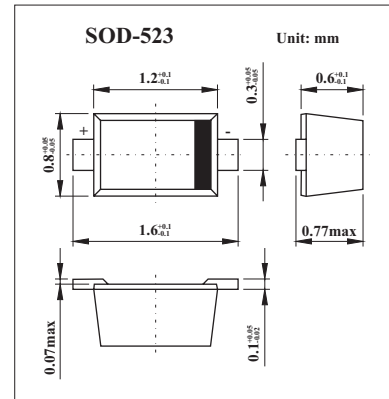


# HVC133



### ■ Features

- Low capacitance. (C=1.0pF max)
- Low forward resistance. (rf=0.7 Ω max)

### ■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Value	Unit
Reverse voltage	V <sub>R</sub>	30	V
Power dissipation	P <sub>d</sub>	150	mW
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature	T <sub>stg</sub>	-55 to +125	°C

### ■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Reverse voltage	V <sub>R</sub>	I <sub>R</sub> = 1 μA	30			V
Reverse current	I <sub>R</sub>	V <sub>R</sub> = 25 V			100	nA
Forward voltage		I <sub>F</sub> = 2 mA			0.85	V
Capacitance	C <sub>1</sub>	V <sub>R</sub> = 1 V, f = 1 MHz			1.0	pF
	C <sub>6</sub>	V <sub>R</sub> = 6 V, f = 2 MHz			0.9	
Forward resistance	r <sub>f</sub>	I <sub>F</sub> = 2 mA, f = 100 MHz		0.55	0.7	Ω

### ■ Marking

Marking	P3
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