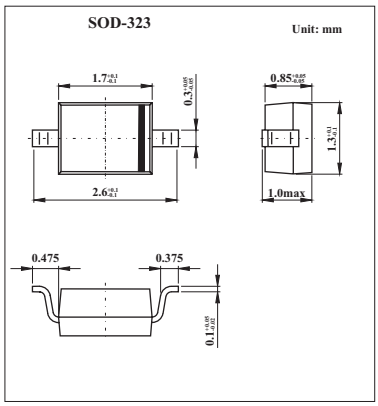
1SV304



■ Features

- High Capacitance Ratio:C1V/C4V=3.0(Typ.)
- Low Series Resistance:rs=0.27 Ω (Typ.)

■ Absolute Maximum Ratings Ta = 25℃

Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	10	V
Junction Temperature	T_j	125	℃
Storage Temperature Range	T_{stg}	-55 to +125	℃

■ Electrical Characteristics Ta = 25℃

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse Voltage	V_R	I_R = 1 μ A	10			V
Reverse Current	I_R	V_R = 10 V			3	nA
Capacitance	C_{1V}	f = 1 MHz;V_R = 1 V	17.3	18.3	19.3	pF
	C_{4V}	f = 1 MHz;V_R = 4 V	5.3	6.1	6.6	
Capacitance Ratio	C_{1V}/C_{4V}		2.8	3		
Series Resistance	r_s	V_R = 1V, f = 470 MHz		0.27	0.32	Ω

■ Marking

Marking	TV