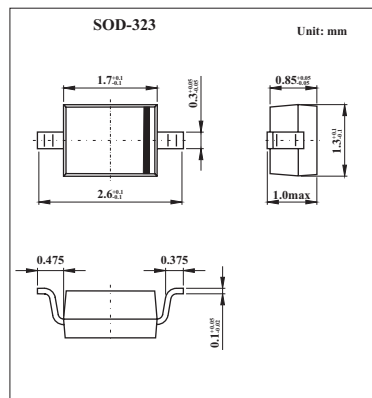


# 1SV322

■ Features

- High Capacitance Ratio:  $C_{1V}/C_{4V}=4.3$ (Typ.)
- Low Series Resistance:  $r_s=0.4 \Omega$  (Typ.)
- Useful for Small Size Tuner



■ Absolute Maximum Ratings  $T_a = 25^\circ C$

Parameter	Symbol	Value	Unit
Reverse Voltage	$V_R$	10	V
Junction Temperature	$T_j$	125	$^\circ C$
Storage Temperature Range	$T_{stg}$	-55 to +125	$^\circ C$

■ Electrical Characteristics  $T_a = 25^\circ C$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse Voltage	$V_R$	$I_R = 1 \mu A$	10			V
Reverse Current	$I_R$	$V_R = 10 V$			3	nA
Capacitance	$C_{1V}$	$f = 1 MHz; V_R = 1 V$	26.5		29.5	pF
	$C_{4V}$	$f = 1 MHz; V_R = 4 V$	6		7.1	
Capacitance Ratio	$C_{1V}/C_{4V}$		4	4.3		
Series Resistance	$r_s$	$V_R = 4V, f = 470 MHz$		0.4	0.8	$\Omega$

Note

1.Signal level when capacitance is measured:  $V_{sig} = 500mV_{rms}$

■ Marking

Marking	V7
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