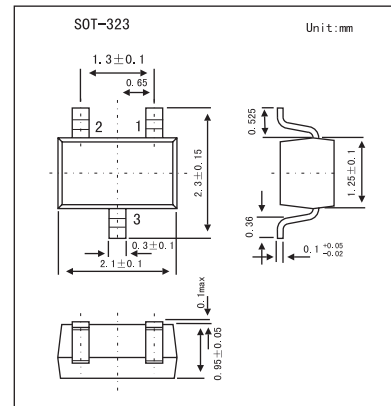


1SV252

■ Features



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Reverse voltage	V _R	50	V
Forward current	I _F	50	mA
Junction Temperature	T _j	125	°C
Storage temperature	T _{stg}	-55 to +125	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse Voltage	V _R	I _R = 10 μA	50			V
Reverse Current	I _R	V _R = 50 V			0.1	μA
Forward voltage	V _F	I _F = 50 mA		0.93	0.98	V
Total capacitance (Note 1)	C _T	V _R = 50 V, f = 1 MHz		0.2	0.4	pF
Series resistance	r _s	I _F = 10 mA, f = 100 MHz		3.5	10	Ω

Note

1. C_T is measured by 3 terminal method with capacitance bridge.

■ Marking

Marking	BE
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