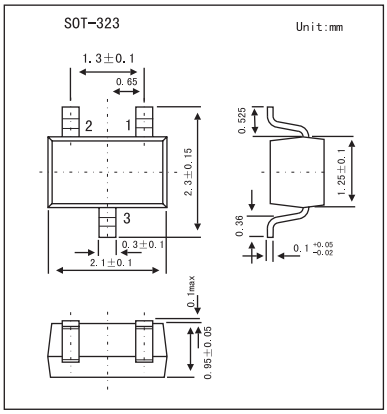
VHF~UHF Band RF Attenuator Applications

1SV252



■ Features

■ Absolute Maximum Ratings Ta = 25℃

Parameter	Symbol	Rating	Unit
Reverse voltage	V_R	50	V
Forward current	I_F	50	mA
Junction Temperature	T_j	125	℃
Storage temperature	T_{stg}	-55 to +125	℃

■ Electrical Characteristics Ta = 25℃

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. CT is measured by 3 terminal method with capacitance bridge.

■ Marking

Marking	BE