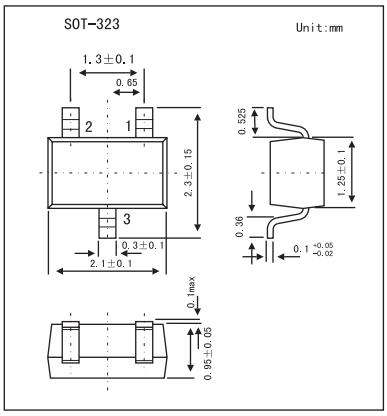
VHF TUNER BAND SWITCH APPLICATIONS

1SS313



■ Features

- Small Total capacitance: C_T = 1.2pF(Max)
- Low series resistance: r_s = 0.6 Ω (Typ.)

■ Absolute Maximum Ratings Ta = 25℃

Parameter	Symbol	Rating	Unit
Reverse Voltage	V_R	30	V
Forward Current	I_F	50	mA
Junction temperature	T_J	125	℃
Storage temperature range	T_{stg}	-55 to +125	℃

■ Electrical Characteristics Ta = 25℃

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	I_F = 2 mA			0.85	V
Reverse current	I_R	V_R =15 V			0.1	μ A
Reverse voltage	V_R	I_R =1 μ A	30			V
Total capacitance	C_T	V_R=6 V,f=1MHz		0.8	1.2	pF
Series resistance	r_s	I_F = 2 mA, f = 100 MHz		0.6	0.9	Ω

■ Marking

Marking	BG