

1SV329

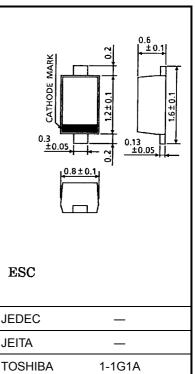
VCO for UHF Band Radio

查询1SV329供应商 TOSHIBA

- High capacitance ratio: $C_1 V/C_4 V = 2.8$ (typ.)
- Low series resistance: $r_s = 0.55 \Omega$ (typ.)
- Useful for small size tuner.

Maximum Ratings (Ta = 25°C)

Characteristics	Symbol	Rating	Unit
Reverse voltage	V _R	10	V
Junction temperature	Тj	125	°C
Storage temperature range	T _{stg}	-55~125	°C



Weight: 0.0014 g (typ.)

Electrical Characteristics (Ta = 25°C)

Characteristics	Symbol	Test Condition	Min	Тур.	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 _{1 V}	V _R = 1 V, f = 1 MHz	5.7	_	6.7	pF
Capacitance	C _{4 V}	V _R = 4 V, f = 1 MHz	1.85	_	2.45	pF
Capacitance ratio	C _{1 V} /C _{4 V}		2.7	2.8	_	_
Series resistance	r _s	$V_{R} = 1 V, f = 470 MHz$		0.55	0.7	Ω

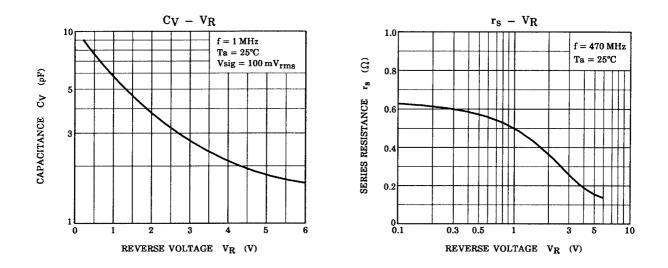
Note: Signal level when capacitance is measured: Vsig = 100 mVrms

Marking



Unit: mm

TOSHIBA



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