

捷多邦,专业PCB打样工厂,24小时加急出货

JDV2S09FS

TOSHIBA Diode Silicon Epitaxial Planar Type

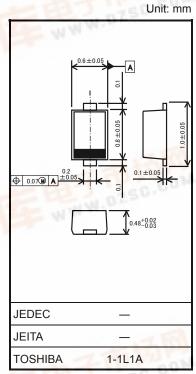
JDV2S09FS

VCO for UHF band

- High capacitance ratio: $C_{1V}/C_{4V} = 2.1$ (typ.) •
- Low series resistance: $r_s = 0.33 \Omega$ (typ.)
- This device is suitable for use in a small-size tuner.

Maximum Ratings (Ta = 25°C)

Characteristics	Symbol	Rating	Unit
Reverse voltage	V _R	10	V
Junction temperature	Тј	150	°C
Storage temperature range	T _{stg}	-55~ <mark>150</mark>	°C



Weight: 0.0006 g (typ.)

Electrical Characteristics (Ta = 25°C)

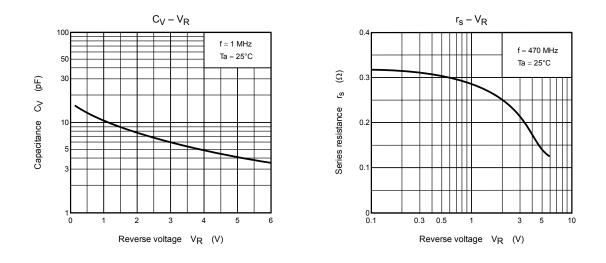
Characteristics	Symbol	Test Condition	Min	Тур.	Max	Unit
Reverse voltage	V _R	I _R = 1 μA	10			V
Reverse current	IR IR	V _R = 10 V	_		3	nA
Capacitance	C _{1V}	$V_R = 1 V$, f = 1 MHz	9.7		11.1	pF
	C _{4V}	$V_R = 4 V$, f = 1 MHz	4.45	_	5.45	
Capacitance ratio	C _{1V} /C _{4V}	—	1.8	2.1	-	-
Series resistance	r _s	V _R = 1 V, f = 470 MHz		0.33	0.45	Ω

Marking

В



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