TOSHIBA Diode Silicon Epitaxial Schottky Barrier Type

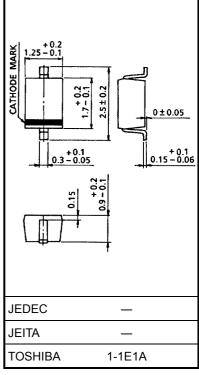
1SS315

UHF Band Mixer Applications

Unit: mm

Maximum Ratings (Ta = 25°C)

Characteristics	Symbol	Rating	Unit
Maximum (peak) reverse voltage	V_{RM}	5	V
Forward current	I _F	30	mA
Junction temperature	Tj	125	°C
Storage temperature range	T _{stg}	-55~125	°C



Weight: 0.004 g (typ.)

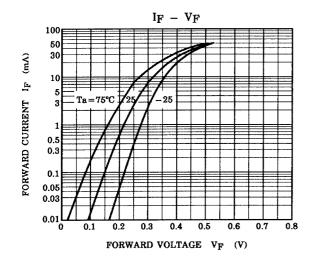
Electrical Characteristics (Ta = 25°C)

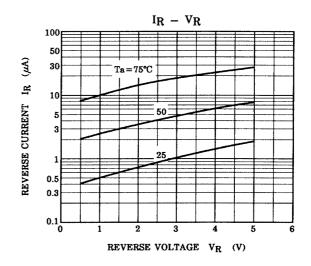
Characteristics	Symbol	Test Condition	Min	Тур.	Max	Unit
Forward voltage	V _F	I _F = 2 mA	_	0.25	_	V
Forward current	I _F	V _F = 0.5 V	30	_	_	mA
Reverse current	I _R	V _R = 0.5 V	_	_	25	μΑ
Total capacitance	C _T	V _R = 0.2 V, f = 1 MHz	_	0.6	_	pF

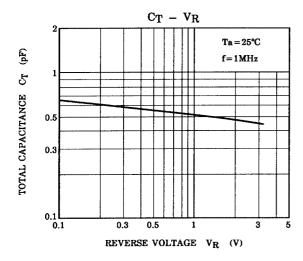
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Marking









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