Unit: mm

TOSHIBA Diode Silicon Epitaxial Planar Type

1SS307

General Puropose Rectifier Applications

• Small package : SC-59

Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Maximum (peak) reverse voltage	V_{RM}	35	V
Reverse voltage	V _R	30	V
Maximum (peak) forward current	I _{FM}	300	mA
Average forward current	IO	100	mA
Surge current (10ms)	I _{FSM}	2	Α
Power dissipation	Р	150	mW
Junction temperature	Tj	125	°C
Storage temperature	T _{stg}	-55~125	°C

2.5 + 0.5 2.5 - 0.3 + 0.25 1.5 - 0.15 - 0.7 -

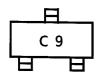
Weight: 0.012g

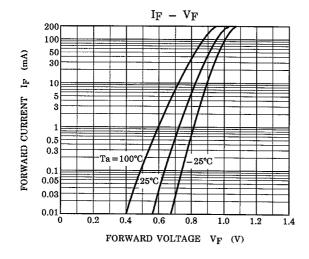
Electrical Characteristics (Ta = 25°C)

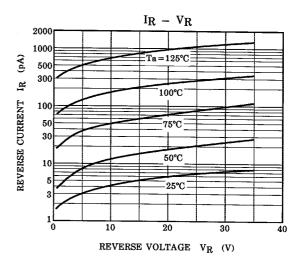
Characteristic	Symbol	Test Circuit	Test Condition	Min	Тур.	Max	Unit
Forward voltage	V _F	_	I _F = 10mA	_	1.0	1.3	V
Reverse current	I _R	_	V _R = 30V	_	0.1	10	μA
Total capacitance	C _T	_	V _R = 0, f = 1MHz		3.0	6.0	рF

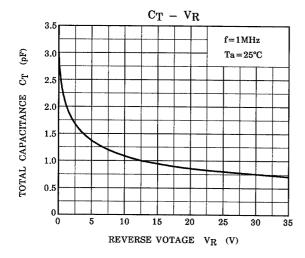
1

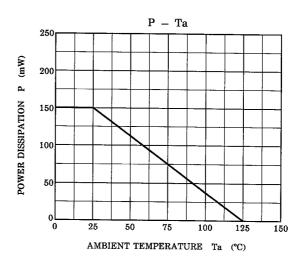
Marking











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000707EAA

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