

DIODE SPECIFICATION

W Band Single Anode

Table I ELECTRICAL CHARACTERISTICS

	Test Conditions	Minimum Value	Maximum Value	Units
R _s Series Resistance	I _{max} =10 mA		4	Ω
V _F Forward Turn-on Voltage	I _F = 1 μA	450	500	mV
ΔV	100 μA – 10 μA		70	mV
V _R Reverse Breakdown	I _R = 10 μA	9	10	V
C _T Total Capacitance	V = 0V	33	38	fF
C _{PP} Pad to Pad Capacitance	V = 0V		15	fF

Table II PHYSICAL DIMENSIONS

	Minimum Value	Maximum Value	Units
Chip Length	580	600	μm
Chip Width	230	250	μm
Substrate Thickness	90	100	μm

