

DIODE SPECIFICATION

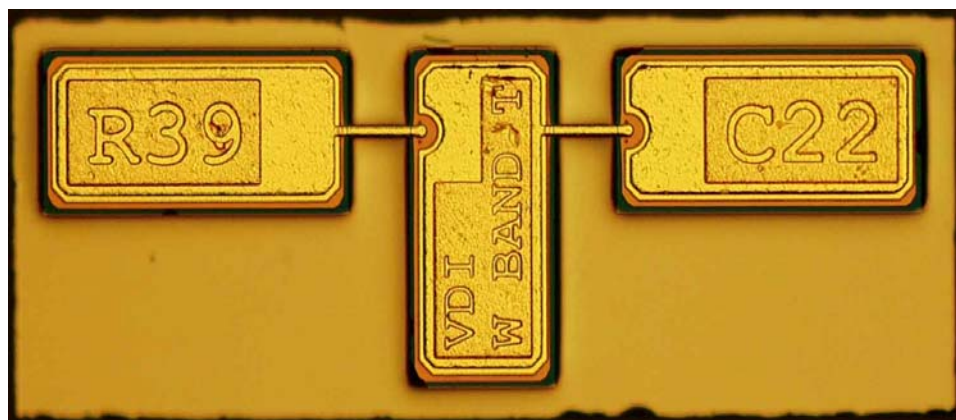
W Band Tee

**Table I ELECTRICAL CHARACTERISTICS
(per anode)**

	Test Conditions	Minimum Value	Maximum Value	Maximum δ side to side	Units
R _s Series Resistance	I _{max} =10 mA		4	0.5	Ω
V _F Forward Turn-on Voltage	I _F = 1 μ A	450	550	60	mV
Δ V	100 μ A – 10 μ A		70	1	mV
V _R Reverse Breakdown	I _R = 10 μ A	8.5		1	V
C _T Total Capacitance	V = 0V	32	36	2	fF
C _{PP} Pad to Pad Capacitance	V = 0V		14		fF

Table II PHYSICAL DIMENSIONS

	Minimum Value	Maximum Value	Units
Chip Length	730	750	μ m
Chip Width	280	300	μ m
Substrate Thickness	90	100	μ m



Typical Forward IV Curve per Anode

