



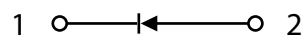
## MAXIMUM RATING (T<sub>A</sub>=25°C)

Characteristics	Symbol	Value	Unit
Continuous Reverse Voltage	V <sub>R</sub>	35	V
DC Forward Current	I <sub>F</sub>	100	mA
Junction Temperature	T <sub>j</sub>	125	°C
Storage Temperature	T <sub>stg</sub>	-55 to +125	°C

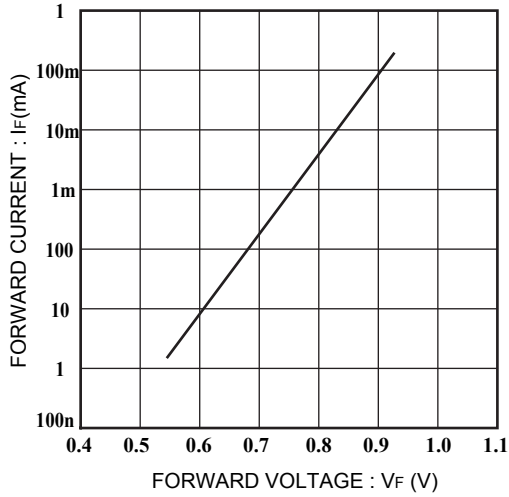
## ELECTRICAL CHARACTERISTICS (T<sub>A</sub>=25°C)

Characteristics	Symbol	Min	Typ	Max	Unit
Maximum Instantaneous Forward Voltage I <sub>F</sub> =10mA	V <sub>F</sub>	-	-	1.0	V
Maximum Instantaneous Reverse Current V <sub>R</sub> =25V	I <sub>R</sub>	-	-	10	nA
Capacitance Between terminals V <sub>R</sub> =6V, f=1MHz	C <sub>T</sub>	-	-	1.2	pF
Forward Operating Resistance I <sub>F</sub> =2.0mA, f=100MHz	R <sub>f</sub>	-	-	0.9	Ω

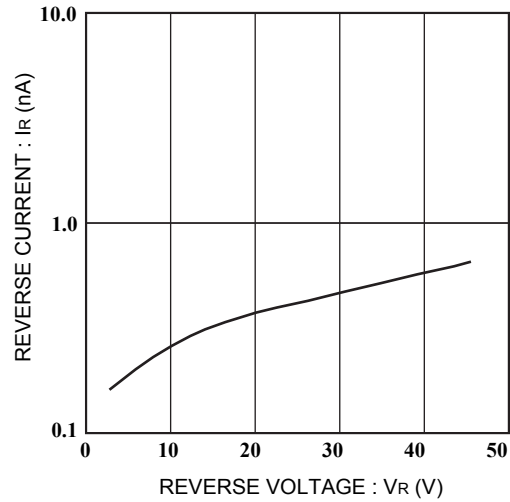
## Device Marking & Equivalent Circuit diagram

Item	Marking	Equivalent Circuit diagram
1SS356	B	

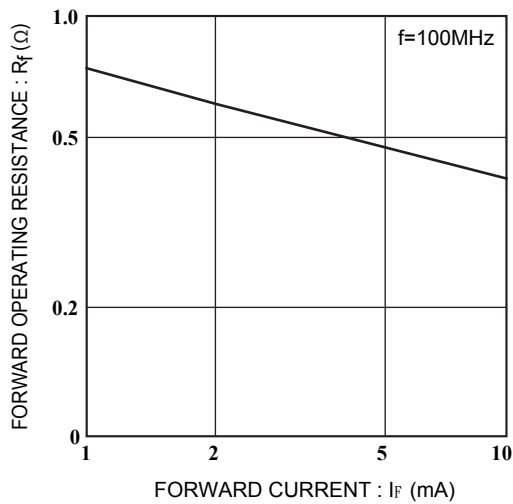
## Electrical Characteristic Curves ( $T_A=25^\circ\text{C}$ Unless Specified Otherwise)



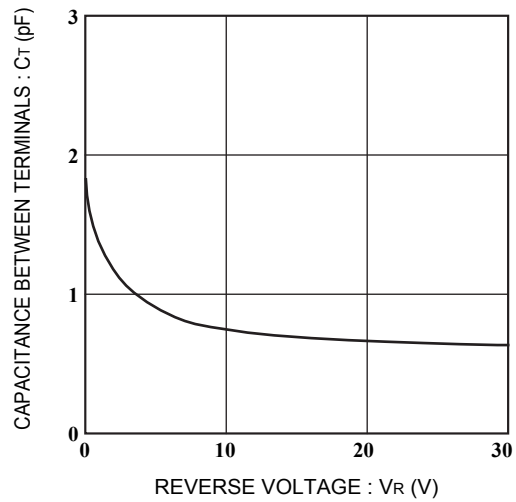
**Fig. 1 Forward characteristics**



**Fig. 2 Reverse characteristics**



**Fig. 4 Forward operating resistance characteristics**



**Fig. 3 Capacitance between terminals characteristics**