



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

Characteristic	Symbol	Limit	Units	Conditions
Maximum Instantaneous Reverse Current	i <sub>R</sub>	20	mA	V <sub>R</sub> = V <sub>RWM</sub> T <sub>C</sub> = 125°C T <sub>C</sub> = 175°C Pulse Width = 400μs Duty Cycle = 1%
		60	mA	
		600	mA	
Maximum Instantaneous Forward Voltage	V <sub>F</sub>	0.47	V	i <sub>F</sub> = 10A, T <sub>C</sub> = 25°C i <sub>F</sub> = 60A, T <sub>C</sub> = 25°C i <sub>F</sub> = 120A, T <sub>C</sub> = 125°C Pulse Width = 300μs Duty Cycle = 1%
		0.68	V	
		0.82	V	
Maximum Capacitance	C <sub>t</sub>	3000	pF	V <sub>R</sub> = 5.0V

