

Symbol	Parameter	Value	Units
P _D	Power Dissipation	500	mW
$R_{ ext{ heta}JA}$	Thermal Resistance, Junction to Ambient	300	°C/W

Electrical Characteristics T_A = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions	Min	Max	Units
V _R	Breakdown Voltage	I _R = 100 μA	100		V
V _F	Forward Voltage	I _F = 20 mA		1.0	V
I _R	Reverse Current	V _R = 20 V V _R = 20 V, T _A = 150°C		25 50	nA μA
CT	Total Capacitance	$V_{R} = 0, f = 1.0 \text{ MHz}$		4	pF
t _{rr}	Reverse Recovery Time	$I_F = 10 \text{ mA}, V_R = 6 \text{ V}, R_L = 100 \Omega, I_{rr} = 1.0 \text{ mA}$		4	ns

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