
Features

- Ultra high speed switching
- Low VF
- High surge resistivity for CRT discharge
- High reliability design
- Ultra small package

Mechanical Data

Maximum Ratings and Electrical Characteristics @ T_A = 25°C unless otherwise specified

Items	Symbols	Condition	Ratings	Units
Repetitive Peak Reverse Voltage	V _{RRM}		8	kV
Average Output Current	I _o		5	mA
Surge Current	I _{FSM}	T _a =25°C, Resistive Load	0.5	A
Junction Temperature	T _j	10mS Sine-half wave peak value	120	°C
Allowable Operation Case Temperature	T _c		100	°C
Storage Temperature	T _{stg}		-40 to +120	°C
Items	Symbols	Conditions	Retings	Units
Maximum Forward Voltage Drop	V _F	I _F =10mA	28	V
Maximum Reverse Current	I _R	V _R =V _{RRM}	2	μA
Maximum Reverse Recovery Time	t _{rr}	T _a =25°C, I _F =2mA, I _R =4mA	0.045	μs
Junction Capacitance	C _j	T _a =25°C, V _R =0V, f=1MHz	2	pF

