

\*These ratings are limiting values above which the serviceability of any semiconductor device may be impaired.

NOTES:

1) These ratings are based on a maximum junction temperature of 200 degrees C.
2) These are steady state limits. The factory should be consulted on applications involving pulsed or low duty cycle operations.

## **Thermal Characteristics**

Symbol	Parameter	Value	Units
P <sub>D</sub>	Power Dissipation	500	mW
$R_{ ext{ hetaJA}}$	Thermal Resistance, Junction to Ambient	300	°C/W

### Electrical Characteristics T<sub>4</sub> = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions	Min	Max	Units
V <sub>R</sub>	Breakdown Voltage	I <sub>R</sub> = 100 μA	250		V
V <sub>F</sub>	Forward Voltage	I <sub>F</sub> = 100 mA		1.0	V
I <sub>R</sub>	Reverse Current	V <sub>R</sub> = 225 V V <sub>R</sub> = 225 V, T <sub>A</sub> = 150°C		50 10	nA μA

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