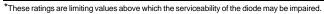


Zeners 1N5234C

Absolute Maximum Ratings*

T_a = 25°C unless otherwise noted

Symbol	Parameter	Value	Units
P _D	Power Dissipation	500	mW
	Derate above 75°C	4.0	mW/°C
T_{STG}	Storage Temperature Range	-65 to +200	°C
T_J	Maximum Junction Operating Temperature	+ 200	°C
	Lead Temperature (1/16" from case for 10 seconds)	+ 230	°C
	Surge Power**	10	W



^{**}Non-recurrent square wave PW= 8.3 ms, TA= 50 degrees C.

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.



Tolerance: C = 2%

Electrical Characteristics T_a = 25°C unless otherwise noted

Symbol	Parameter	Test Conditions	Min.	Max.	Units
V_Z	Zener Voltage	$I_Z = 20mA$	6.08	6.32	V
Z _Z	Zener Impedance	$I_Z = 20mA$		7.0	Ω
Z _{ZK}	Zener Knee Impedance	$I_{ZK} = 0.25 \text{mA}$		1.0k	Ω
I _R	Reverse Current	V _R = 4.0V		5.0	μΑ
V_{F}	Forward Voltage	I _F = 0.2A		1.1	V

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PRODUCT STATUS DEFINITIONS

Definition of Terms

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