

1N5279B
1N5280B
1N5281B

SILICON ZENER DIODES
500mW, 180 THRU 200 VOLT
5% TOLERANCE



DO-35A CASE



www.centralemi.com

DESCRIPTION:

The CENTRAL SEMICONDUCTOR 1N5279B, 1N5280B, and 1N5281B silicon Zener diodes are high voltage regulators for use in industrial and commercial applications.

MAXIMUM RATINGS: ($T_L=75^{\circ}\text{C}$)

Power Dissipation

Operating and Storage Junction Temperature

SYMBOL

P_D

T_J, T_{stg}

500

-65 to +200

UNIT

mW

$^{\circ}\text{C}$

ELECTRICAL CHARACTERISTICS: ($T_A=25^{\circ}\text{C}$), $V_F=1.2\text{V MAX @ } I_F=200\text{mA}$

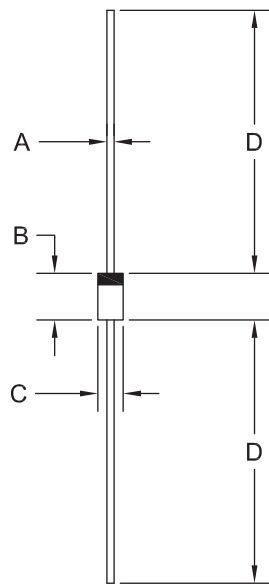
Type	Zener Voltage $V_Z @ I_{ZT}$			Test Current	Maximum Zener Impedance			Maximum Reverse Current		Maximum Temperature Coefficient
	MIN	NOM	MAX	I_{ZT}	$Z_{ZT} @ I_{ZT}$	$Z_{ZK} @ I_{ZK}$		$I_R @ V_R$		$\ominus V_Z$
	V	V	V	mA	Ω	Ω	mA	μA	V	$\%/^{\circ}\text{C}$
1N5279B	171.0	180	189.0	0.68	2200	6000	0.25	0.1	137	+0.11
1N5280B	180.5	190	199.5	0.66	2400	6500	0.25	0.1	144	+0.11
1N5281B	190.0	200	210.0	0.65	2500	7000	0.25	0.1	152	+0.11

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DO-35A CASE - MECHANICAL OUTLINE



DIMENSIONS				
SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.018	0.022	0.46	0.56
B	0.120	0.200	3.05	5.08
C	0.060	0.118	1.52	3.00
D	1.000	-	25.40	-

DO-35A (REV: R0)

R0

R1 (11-September 2013)