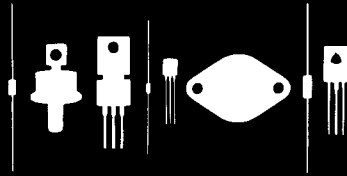


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145 Adams Avenue
Hauppauge, New York 11788



1N5740B

SILICON ZENER DIODE
15 VOLTS, 500mW

JEDEC DO-35 CASE

DESCRIPTION

The CENTRAL SEMICONDUCTOR 1N5740B type is a silicon zener diode mounted in a hermetically sealed glass package.

MAXIMUM RATINGS (T_J=25°C)

	<u>SYMBOL</u>		<u>UNIT</u>
Power Dissipation	P _D	500	mW
Operating and Storage Junction Temperature	T _J , T _{STG}	-65 to +200	°C

ELECTRICAL CHARACTERISTICS (T_J=25°C unless otherwise noted)

<u>SYMBOL</u>	<u>TEST CONDITIONS</u>	<u>MIN</u>	<u>MAX</u>	<u>UNIT</u>
V _Z	I _{ZT} =5.0mA	14.25	15.75	V
Z _{ZT}	I _{ZT} =5.0mA		30	Ω
I _R	V _R =10V		100	nA
V _F	I _F =10mA		0.9	V
TEMP COEF			+12.9	mV/°C
I _{ZM}			25	mA

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