

CentralTM Semiconductor Corp.

145 Adams Avenue, Hauppauge, NY 11788 USA
Tel: (631) 435-1110 • Fax: (631) 435-1824

Manufacturers of World Class Discrete Semiconductors

CR2-160

SILICON HIGH VOLTAGE RECTIFIER
2.0 AMPS, 1600 VOLTS

CASE 101

FEATURES

- 2 Amps, 1600 Volts
- Compression molded epoxy
- Superior solvent resistance
- 50 Amps surge current
- Reliable internal construction
- Extensive temperature range

DESCRIPTION

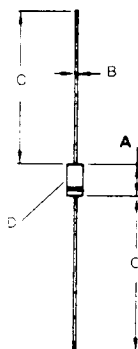
The CENTRAL SEMICONDUCTOR 2.0 ampere axial lead, very high voltage, epoxy molded silicon rectifier is a high quality, well constructed, highly reliable component designed for use in all types of commercial, industrial, entertainment, computer, and automotive applications.

MAXIMUM RATINGS (T_A=25°C unless otherwise noted)

	<u>SYMBOL</u>		<u>UNIT</u>
Peak Repetitive Reverse Voltage	V _{RRM}	1600	V
DC Blocking Voltage	V _R	1600	V
RMS Reverse Voltage	V _R (RMS)	1120	A
Average Forward Current	I _O	2.0	A
Peak Forward Surge Current	I _{FSM}	50	A
Operating and Storage Junction Temperature	T _J , T _{STG}	-65 TO +175	°C

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

<u>SYMBOL</u>	<u>TEST CONDITIONS</u>	<u>MIN</u>	<u>MAX</u>	<u>UNIT</u>
V _F	I _F =Rated I _O		1.1	V
I _R	V _R =Rated V _{RRM}		10	μA



	<u>INCHES</u>		<u>mm</u>	
	<u>MIN</u>	<u>MAX</u>	<u>MIN</u>	<u>MAX</u>
A	.230	.300	5.8	7.6
B	.028	.034	0.7	0.9
C	1.0	-	25.4	-
D	.104	.140	2.6	3.6



LittleDiode supplies new, hard to find or obsolete electronic components and semiconductors all over the world.

With over two million different components listed you are sure to find the part you need.

Feel free to visit us today at our online store:

LittleDiode.com

Looking forward to providing you with the best possible service.