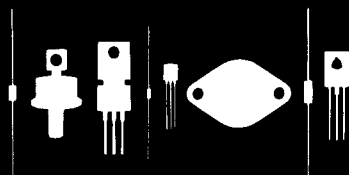


**Central  
Semiconductor Corp.**  
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Semiconductor Corp.**

145 Adams Avenue  
Hauppauge, New York 11788



2 AMP RECTIFIER  
50 - 1500 VOLTS  
AXIAL LEAD EPOXY CASE  
CR 2 SERIES

## FEATURES

2 Amp at 50° C  
Compression molded epoxy  
Superior Solvent Resistance

50 Amps Surge Current  
Reliable Internal Construction  
Extensive Temperature Range

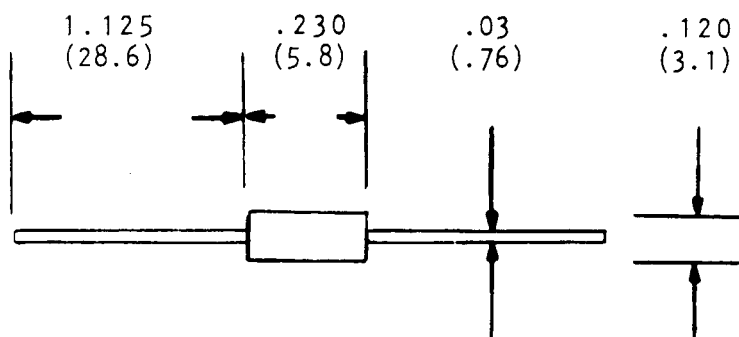
## DESCRIPTION

The CENTRAL SEMICONDUCTOR 2 ampere axial lead epoxy Silicon Rectifier is a high quality, well-constructed, highly reliable component designed for use in all types of military, commercial, industrial, entertainment, computer, and automotive applications. Because of its superior electrical characteristics, this rectifier family is used as a universal replacement for many other rectifiers.

## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Symbol	CR2- 005	CR2- 010	CR2- 020	CR2- 040	CR2- 060	CR2- 080	CR2- 100	CR2- 120	CR2- 150	Unit
PIV	50	100	200	400	600	800	1000	1200	1500	v
V <sub>rm(rms)</sub>	35	70	140	280	420	560	700	840	1050	v
I <sub>F</sub> (avg)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	A
I <sub>F</sub> (surge)	50	50	50	50	50	50	50	50	50	A
VFM (at 2 A)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	v
IRM (25°C)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	uA
T <sub>J</sub> max	175	175	175	175	175	175	175	175	175	°C

## OUTLINE DRAWING



Dimensions in inches and (millimeters).

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