Central
Semiconductor Corp.
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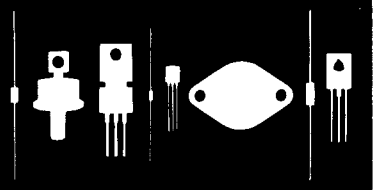
145 Adams Avenue
Hauppauge, New York 11788



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

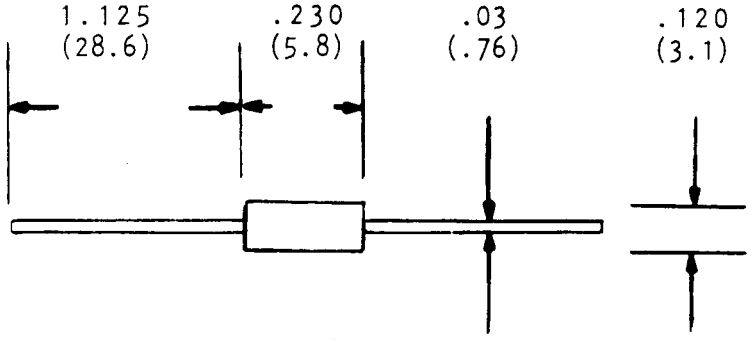
DESCRIPTION

The CENTRAL SEMICONDUCTOR 2 ampere axial lead epoxy Silicon Rectifer 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
$V_{rm(rms)}$	35	70	140	280	420	560	700	840	1050	v
I_F (avg)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	A
I_F (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
I_{RM} (25°C)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	uA
T_J max	175	175	175	175	175	175	175	175	175	°C

OUTLINE DRAWING



Dimensions in inches and (millimeters).

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