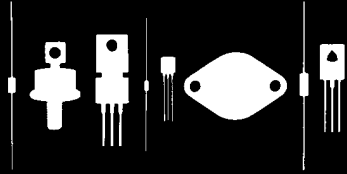


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145 Adams Avenue
Hauppauge, New York 11788



HIGH VOLTAGE RECTIFIER

CR250-X SERIES

250mA

1000 THRU 6000 VOLTS

AXIAL LEAD EPOXY CASE

DESCRIPTION

The CENTRAL SEMICONDUCTOR CR250 high voltage series types are 250mA axial lead high voltage rectifiers designed for general purpose high voltage applications where space limitation is a factor.

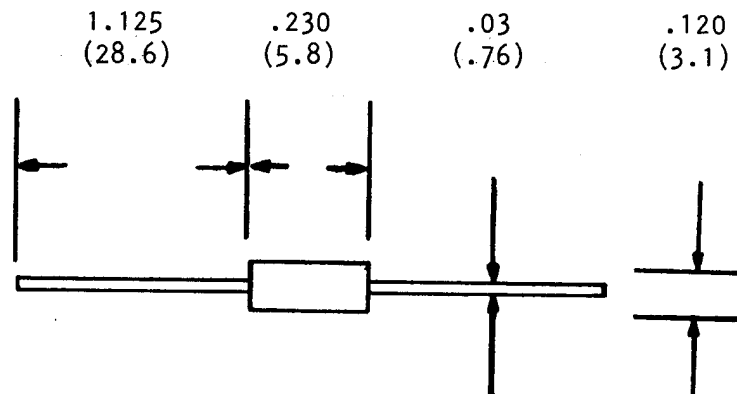
MAXIMUM RATINGS (TA=25°C unless otherwise noted)

	SYMBOL	CR250 -1	CR250 -2	CR250 -3	CR250 -4	CR250 -5	CR250 -6	UNIT
DC Blocking Voltage	VR	1000	2000	3000	4000	5000	6000	V
Peak Reverse Voltage	VRM	1000	2000	3000	4000	5000	6000	V
RMS Reverse Voltage	Vr	700	1400	2100	2800	3500	4200	V
Average Forward Current	IO	250	250	250	250	250	250	mA
Peak Surge Current (Rated VR, IO, TA=75°C, One cycle)	IFSM	20	20	20	20	20	20	A
Operating and Storage Junction Temperature	TJ, TSTG	-65 TO +175						°C

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

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
IR	VR=Rated		1.0	μA
IR	VR=Rated, TA=100°C		50	μA
VF	IF=0.25A (-1, -2)		2.0	V
VF	IF=0.25A (-3, -4)		4.0	V
VF	IF=0.25A (-5, -6)		6.0	V

OUTLINE DRAWING:



Dimensions in inches (millimeters)