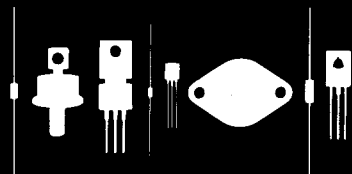


Central  
Semiconductor Corp.

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Semiconductor Corp.**

145 Adams Avenue  
Hauppauge, New York 11788



1N5391 THRU 1N5399

SILICON RECTIFIER  
1.5 AMP, 50THRU 1000 VOLTS

JEDEC DO-15 CASE

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

DESCRIPTION

The CENTRAL SEMICONDUCTOR 1N5391 Series is an Axial Lead Epoxy Case Rectifier designed for general purpose rectifier applications.

MAXIMUM RATINGS ( $T_A=70^\circ\text{C}$ )

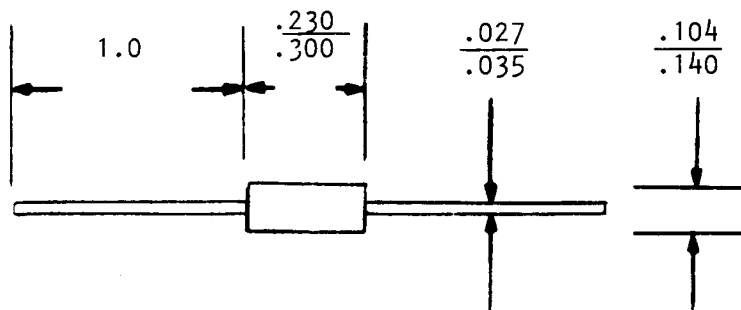
<u>TYPE</u>	<u>V<sub>RRM</sub></u>	<u>I<sub>O</sub></u>	<u>I<sub>FSM</sub> *</u>	<u>T<sub>J</sub>, T<sub>stg</sub></u>
1N5391	50V	1.5A	50	-65 TO 175°C
1N5392	100V			
1N5393	200V			
1N5394	300V			
1N5395	400V			
1N5396	500V			
1N5397	600V			
1N5398	800V			
1N5399	1000V			

ELECTRICAL CHARACTERISTICS ( $T_A=70^\circ\text{C}$ )

<u>TYPE</u>	<u>V<sub>F</sub> MAX</u>	<u>@ I<sub>F</sub></u>	<u>I<sub>R</sub> MAX</u>	<u>@ PRV</u>	<u>BV<sub>R</sub> MIN</u>	<u>@ I<sub>R</sub></u>
1N5391				50V	50V	
1N5392				100V	100V	
1N5393				200V	200V	
1N5394				300V	300V	
1N5395				400V	400V	
1N5396	1.4V	1.5A	10μA	500V	500V	100μA
1N5397				600V	600V	
1N5398				800V	800V	
1N5399				1000V	1000V	

OUTLINE DRAWING :

Dimensions in inches



\* PEAK ONE CYCLE SURGE (8mSEC)