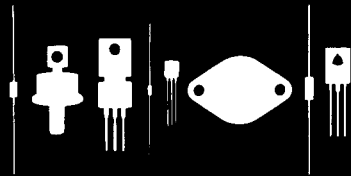


Central  
Semiconductor Corp.

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145 Adams Avenue  
Hauppauge, New York 11788



1N4383 THRU 1N4385  
1N4585 AND 1N4586

1.0 AMP RECTIFIER

200 THRU 1000 VOLTS

JEDEC DO-41 CASE

#### DESCRIPTION

The CENTRAL SEMICONDUCTOR 1 ampere axial lead hermetically sealed glass 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.

#### MAXIMUM RATINGS ( $T_A=25^\circ\text{C}$ )

<u>SYMBOL</u>	<u>1N4383</u>	<u>1N4384</u>	<u>1N4385</u>	<u>1N4585</u>	<u>1N4586</u>	<u>UNIT</u>
$V_{RRM}$	200	400	600	800	1000	V
$V_R(\text{RMS})$	140	280	420	560	700	V
$I_O(T_A=100^\circ\text{C})$				1.0		A
$I_{FSM}(8.3\text{ms})$				50		A
$T_J, T_{stg}$				-65 to +200		$^\circ\text{C}$

#### ELECTRICAL CHARACTERISTICS ( $T_A=25^\circ\text{C}$ )

<u>SYMBOL</u>	<u>TEST CONDITIONS</u>	<u>MIN</u>	<u>MAX</u>	<u>UNIT</u>
$V_F$	$I_F=1.0\text{A}$		1.1	V
$I_R$	$V_R=\text{Rated } V_{RRM}$		10	$\mu\text{A}$
$t_{rr}$		10TYP		$\mu\text{s}$

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