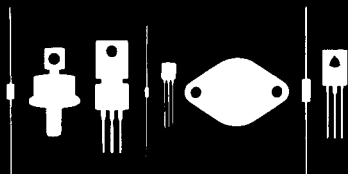


CENTRAL
 SEMICONDUCTOR CORP.
Central
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 145 Adams Avenue
 Hauppauge, New York 11788



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

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

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

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
V_F	$I_F=1.0A$		1.1	V
I_R	$V_R=\text{Rated } V_{RRM}$		10	μA
t_{rr}		10TYP		μs

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