

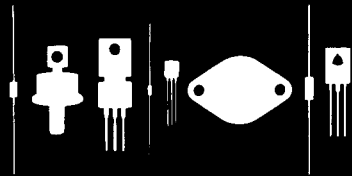
Central Semiconductor Corp.

Central Semiconductor Corp.

Central Semiconductor Corp.

Central Semiconductor Corp.

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°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°C)				1.0		A
I _{FSM} (8.3ms)				50		A
T _J , T _{stg}				-65 to +200		°C

ELECTRICAL CHARACTERISTICS (T_A=25°C)

SYMBOL	TEST CONDITIONS	MIN	MAX	UNIT
V _F	I _F =1.0A		1.1	V
I _R	V _R =Rated V _{RRM}		10	μA
t _{rr}		10TYP		μs

Central[™]
Semiconductor Corp.

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