

New Jersey Semi-Conductor Products, Inc.

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1N4383 – 1N4385

1N4585 – 1N4586

1.0 AMP Rectifier
 200 – 1000 volts
 DO41 Case

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	μA
t_{rr}			10TYP	μs



Quality Semi-Conductors