





# Rectifiers, General Purpose

1.0 to 250 Amperes  
50 to 1600 Volts

IO (AMPS)	1.0				
@ TA (°C)	75	75	75	55	100
IFSM (AMPS)	30	50	50	50	50
					
CASE	GPR-1A	DO-41*		GPR-1A	DO-41 Glass
VRRM (VOLTS)					
50		1N4001	1N4001GPP**		
100		1N4002	1N4002GPP**		
200	1N3611	1N4003	1N4003GPP**	1N4245	1N4383
400	1N3612	1N4004	1N4004GPP**	1N4246	1N4384
600	1N3613	1N4005	1N4005GPP**	1N4247	1N4385
800	1N3614	1N4006	1N4006GPP**	1N4248	1N4585
1000	1N3957	1N4007	1N4007GPP**	1N4249	1N4586

V <sub>F</sub> MAX @ I <sub>F</sub> = I <sub>O</sub>	1.1V	1.1V	1.1V	1.2V	1.1V
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I <sub>R</sub> MAX @ V <sub>RRM</sub>	1.0μA	5.0μA	5.0μA	1.0μA	10μA
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\* Also available in DO-41SP Case (0.6mm lead diameter) with Radial Tape and Reel (DO-41SP-RPCU). See page 239.

\*\* Device utilizes glass passivated chip for high reliability.