





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 _F MAX @ I _F = I _O | 1.1V | 1.1V | 1.1V | 1.2V | 1.1V |
|------------------------------------------------------|------|------|------|------|------|
|------------------------------------------------------|------|------|------|------|------|

| I _R MAX @ V _{RRM} | 1.0μA | 5.0μA | 5.0μA | 1.0μA | 10μA |
|---------------------------------------|-------|-------|-------|-------|------|
|---------------------------------------|-------|-------|-------|-------|------|

* 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.