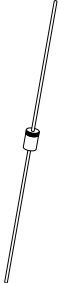
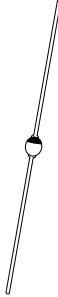
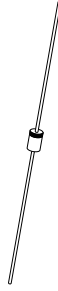


# Rectifiers, Fast Recovery

1.0 to 6.0 Amperes

50 to 1200 Volts

$I_O$ (AMPS)	1.0				
@ $T_A$ (°C)	75	55	55	75	80
$I_{FSM}$ (AMPS)	30	50	50	50	50
					
CASE	DO-41*	GPR-1A*			DO-41*
$V_{RRM}$ (VOLTS)					
50	1N4933				
100	1N4934			CPR1F-010	CR1F-010
200	1N4935	1N4942	1N5615	CPR1F-020	CR1F-020
400	1N4936	1N4944	1N5617	CPR1F-040	CR1F-040
600	1N4937	1N4946	1N5619	CPR1F-060	CR1F-060
800		1N4947	1N5621	CPR1F-080	CR1F-080
1000		1N4948	1N5623	CPR1F-100	CR1F-100
1200					CR1F-120

$V_F$ MAX @ $I_F = I_O$	1.2	1.3V	1.2V	1.3V	1.2V
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$I_R$ MAX @ $V_{RRM}$	5.0 $\mu$ A	1.0 $\mu$ A	0.5 $\mu$ A	5.0 $\mu$ A	5.0 $\mu$ A
$t_{rr}$ (50V thru 400V)	200ns	150ns	150ns	200ns	150ns
$t_{rr}$ (600V)	200ns	250ns	250ns	200ns	150ns
$t_{rr}$ (800V)		250ns	300ns	300ns	500ns
$t_{rr}$ (1000V)		500ns	500ns	500ns	500ns
$t_{rr}$ (1200V)					500ns

\* Also available in DO-41SP Case (0.6mm lead diameter) with Radial Tape and Reel (DO-41SP-RPCU).

## OUTSTANDING SUPPORT AND SUPERIOR SERVICES



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### PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

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### DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2<sup>nd</sup> day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

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### REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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### CONTACT US

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