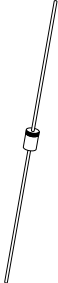

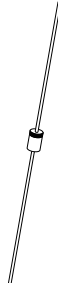


Rectifiers, Fast Recovery

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}	5.0μA	1.0μA	0.5μA	5.0μA	5.0μA
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



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

DESIGNER SUPPORT/SERVICES

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

- Free quick ship samples (2nd 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

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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