

Fast Recovery Glass Passivated Rectifiers

Type Number	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T _A	Maximum Forward Voltage @ 25°C T _A		Maximum Reverse Recovery Time
	PRV	I _O @ T _A		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}	T _{rr}
	V _{PK}	A _{AV}	°C	A _{PK}	µA _{dc}	A _{PK}	V _{PK}	ns

1.0 Ampere Fast Recovery Glass Passivated/DO-41



PR1001G	50	1.0	55	30	5.0	1.0	1.3	150
PR1002G	100	1.0	55	30	5.0	1.0	1.3	150
PR1003G	200	1.0	55	30	5.0	1.0	1.3	150
PR1004G	400	1.0	55	30	5.0	1.0	1.3	150
PR1005G	600	1.0	55	30	5.0	1.0	1.3	250
PR1006G	800	1.0	55	30	5.0	1.0	1.3	500
PR1007G	1000	1.0	55	30	5.0	1.0	1.3	500
1N4933G	50	1.0	75	30	5.0	1.0	1.2	*200
1N4934G	100	1.0	75	30	5.0	1.0	1.2	*200
1N4935G	200	1.0	75	30	5.0	1.0	1.2	*200
1N4936G	400	1.0	75	30	5.0	1.0	1.2	*200
1N4937G	600	1.0	75	30	5.0	1.0	1.2	*200

* Test Condition: I_F = 1.0A, V_R = 30V, di/dt = -50A/µsec

3.0 Ampere Fast Recovery Glass Passivated/DO-201AD



PR3001G	50	1.0	75	125	5.0	3.0	1.3	150
PR3002G	100	1.0	75	125	5.0	3.0	1.3	150
PR3003G	200	1.0	75	125	5.0	3.0	1.3	150
PR3004G	400	1.0	75	125	5.0	3.0	1.3	150
PR3005G	600	1.0	75	125	5.0	3.0	1.3	250
PR3006G	800	1.0	75	125	5.0	3.0	1.3	500
PR3007G	1000	1.0	75	125	5.0	3.0	1.3	500

OPERATING/STORAGE TEMPERATURE -65°C to +150°C

Glass Passivated Rectifiers

Type Number	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T _A	Maximum Forward Voltage @ 25°C T _A	
	PRV	I _O @ T _A		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}
	V _{PK}	A _{AV}	°C	A _{PK}	µA _{dc}	A _{PK}	V _{PK}

1.0 Ampere Miniature Glass Passivated/T-1



D1G	50	1.0	75	30	5.0	1.0	1.0
D2G	100	1.0	75	30	5.0	1.0	1.0
D3G	200	1.0	75	30	5.0	1.0	1.0
D4G	400	1.0	75	30	5.0	1.0	1.0
D5G	600	1.0	75	30	5.0	1.0	1.0
D6G	800	1.0	75	30	5.0	1.0	1.0
D7G	1000	1.0	75	30	5.0	1.0	1.0

1.0 Ampere Glass Passivated/DO-41



1N4001G	50	1.0	75	30	5.0	1.0	1.1
1N4002G	100	1.0	75	30	5.0	1.0	1.1
1N4003G	200	1.0	75	30	5.0	1.0	1.1
1N4004G	400	1.0	75	30	5.0	1.0	1.1
1N4005G	600	1.0	75	30	5.0	1.0	1.1
1N4006G	800	1.0	75	30	5.0	1.0	1.1
1N4007G	1000	1.0	75	30	5.0	1.0	1.1

OPERATING/STORAGE TEMPERATURE -65°C to +175°C