



FAST RECOVERY GLASS PASSIVATED RECTIFIERS

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

TYPE	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

3.0 AMPERE FAST RECOVERY GLASS PASSIVATED/DO-201AD

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

GLASS PASSIVATED RECTIFIERS

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

TYPE	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 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

3.0 AMPERE GLASS PASSIVATED/DO-201AD

1N5400G	50	3.0	75	125	5.0	3.0	1.1
1N5401G	100	3.0	75	125	5.0	3.0	1.1
1N5402G	200	3.0	75	125	5.0	3.0	1.1
1N5404G	400	3.0	75	125	5.0	3.0	1.1
1N5406G	600	3.0	75	125	5.0	3.0	1.1
1N5407G	800	3.0	75	125	5.0	3.0	1.1
1N5408G	1000	3.0	75	125	5.0	3.0	1.1