

SUPERDIODE®

GLASS PASSIVATED AXIAL LEAD SILICON RECTIFIERS

SURGE PART NUMBER	PIV Peak inverse Voltage	MAX AVG Rectified Current @ Half- Wave Res. Load 60Hz		MAX FWD Peak Surge Current 1 ~ 60HZ Superimposed	MAX Reverse Current @ PIV Voltage @ 25 °C TA	MAX Forward Voltage @ 25 °C TA	
	VPK	IO @TA		IFM (Surge)	IR	IFM	VFM
		AAV	°C	APK	uA _{dc}	APK	VPK

1N4001GP/ 4007GP 1.0 AMPERE/ DO-41 (CASE 5)

1N4001GP	50	1.0	75	30	5.0	1.0	1.1
1N4002GP	100	1.0	75	30	5.0	1.0	1.1
1N4003GP	200	1.0	75	30	5.0	1.0	1.1
1N4004GP	400	1.0	75	30	5.0	1.0	1.1
1N4005GP	600	1.0	75	30	5.0	1.0	1.1
1N4006GP	800	1.0	75	30	5.0	1.0	1.1
1N4007GP	1000	1.0	75	30	5.0	1.0	1.1

SGP10A/ 10M 1.0 AMPERE/ DO-41 (CASE 5)

SGP10A	50	1.0	75	30	5.0	1.0	1.1
SGP10B	100	1.0	75	30	5.0	1.0	1.1
SGP10D	200	1.0	75	30	5.0	1.0	1.1
SGP10G	400	1.0	75	30	5.0	1.0	1.1
SGP10J	600	1.0	75	30	5.0	1.0	1.1
SGP10K	800	1.0	75	30	5.0	1.0	1.2
SGP10M	1000	1.0	75	30	5.0	1.0	1.2

1N5391GP/ 5398GP 1.5 AMPERES/ DO-15 (CASE 6)

1N5391GP	50	1.5	55	50	5.0	1.5	1.4
1N5392GP	100	1.5	55	50	5.0	1.5	1.4
1N5393GP	200	1.5	55	50	5.0	1.5	1.4
1N5394GP	300	1.5	55	50	5.0	1.5	1.4
1N5395GP	400	1.5	55	50	5.0	1.5	1.4
1N5396GP	500	1.5	55	50	5.0	1.5	1.4
1N5397GP	600	1.5	55	50	5.0	1.5	1.4
1N5398GP	800	1.5	55	50	5.0	1.5	1.4
1N5399GP	1000	1.5	55	50	5.0	1.5	1.4

SGP15A/ 15M 1.5 AMPERES/ DO-15 (CASE 6)

* TA 70°C

SGP15A	50	1.5	55	50	5.0	1.5	1.1
SGP15B	100	1.5	55	50	5.0	1.5	1.1
SGP15D	200	1.5	55	50	5.0	1.5	1.1
SGP15G	400	1.5	55	50	5.0	1.5	1.1
SGP15J	600	1.5	55	50	5.0	1.5	1.1
SGP15K	800	1.5	55	50	5.0	1.5	1.1
SGP15M	1000	1.5	55	50	5.0	1.5	1.1

SGP20A/ 20M 2.0 AMPERES/ DO-201AD (CASE 8)

SGP20A	50	2.0	55	65	5.0	2.0	1.2
SGP20B	100	2.0	55	65	5.0	2.0	1.2
SGP20D	200	2.0	55	65	5.0	2.0	1.1
SGP20G	400	2.0	55	65	5.0	2.0	1.1
SGP20J	600	2.0	55	65	5.0	2.0	1.1
SGP20K	800	2.0	55	65	5.0	2.0	1.1
SGP20M	1000	2.0	55	65	5.0	2.0	1.1

SGP30A/ 30M 3.0 AMPERES/ DO-201AD (CASE 8)

SGP30A	50	3.0	55	125	5.0	3.0	1.2
SGP30B	100	3.0	55	125	5.0	3.0	1.2
SGP30D	200	3.0	55	125	5.0	3.0	1.1
SGP30G	400	3.0	55	125	5.0	3.0	1.1
SGP30J	600	3.0	55	125	5.0	3.0	1.1
SGP30K	800	3.0	55	125	5.0	3.0	1.1
SGP30M	1000	3.0	55	125	5.0	3.0	1.1

See Case 29 for SUPERDIODE® Construction Diagram.