

GENERAL PURPOSE RECTIFIERS (Axial Lead Type)



TYPE No.	Max. Peak Reverse Voltage	Max. Average Rectified Current	Max. Peak Forward Surge Current	Max. Reverse Leakage Current	Max. Forward Voltage		<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Package Outline Drawing No. Please refer to Page: 131~139 </div>
	PRV	I _O	I _{FSM}	I _R	V _{FM}	I _{FM}	
	V	A	A	μA _{dc}	V	A	

1.0 Ampere

1A1	50							
1A2	100							
1A3	200							
1A4	400	1.0	30	5.0	1.1	1.0	R-1 (No.: 1)	
1A5	600							
1A6	800							
1A7	1000							
1N4001(G)*	50							
1N4002(G)*	100							
1N4003(G)*	200							
1N4004(G)*	400							
1N4005(G)*	600							
1N4006(G)*	800							
1N4007(G)*	1000	1.0	30	5.0	1.1	1.0	DO-41 (No.: 3)	
BY133	1300							
EM513	1600							
EM516	1800							
EM520	2000							
RL101(G)*/1N4001A(G)*	50							
RL102(G)*/1N4002A(G)*	100							
RL103(G)*/1N4003A(G)*	200							
RL104(G)*/1N4004A(G)*	400	1.0	30	5.0	1.1	1.0	A-405 (No.: 2)	
RL105(G)*/1N4005A(G)*	600							
RL106(G)*/1N4006A(G)*	800							
RL107(G)*/1N4007A(G)*	1000							

1.5 Amperes

1N5391(G)*	50							
1N5392(G)*	100							
1N5393(G)*	200							
1N5395(G)*	400	1.5	50	5.0	1.1	1.5	DO-15 (No.: 4)	
1N5397(G)*	600							
1N5398(G)*	800							
1N5399(G)*	1000							


2.0 Amperes

RL201(G)*	50							
RL202(G)*	100							
RL203(G)*	200							
RL204(G)*	400	2.0	70	5.0	1.1	2.0	DO-15 (No.: 4)	
RL205(G)*	600							
RL206(G)*	800							
RL207(G)*	1000							


NOTE: * Suffix "G" Stands for "Glass Passivated Junction"

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	PRV	I_O	I_{FSM}	I_R	V_{FM}	I_{FM}	
	V	A	A	μA_{dc}	V	A	

2.5 Amperes



RL251(G)*	50	2.5	70	5.0	1.1	2.5	R-3 (No.: 1)	
RL252(G)*	100							
RL253(G)*	200							
RL254(G)*	400							
RL255(G)*	600							
RL256(G)*	800							
RL257(G)*	1000							

3.0 Amperes

1N5400(G)*	50	3.0	200 (150)**	5.0	1.1	3.0	DO-27 (No.: 5)	
1N5401(G)*	100							
1N5402(G)*	200							
1N5404(G)*	400							
1N5406(G)*	600							
1N5407(G)*	800							
1N5408(G)*	1000							
BY251	200							
BY252	400							
BY253	600							
BY254	800							
BY255	1300							

NOTE: ** 1N540xG series the " I_{FSM} " only 150A reachable.

6.0 Amperes

6A05M	50	6.0	300	10	1.1	6.0	R-6M (No.: 9)	
6A1M	100							
6A2M	200							
6A4M	400							
6A6M	600							
6A8M	800							
6A10M	1000							
6A05(G)*	50	6.0	300 (250)**	10	1.1	6.0	R-6 (No.: 9)	
6A1(G)*	100							
6A2(G)*	200							
6A4(G)*	400							
6A6(G)*	600							
6A8(G)*	800							
6A10(G)*	1000							
P600A	50							
P600B	100							
P600D	200							
P600G	400							
P600J	600							
P600K	800							
P600M	1000							


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 ** 6AxG series the " I_{FSM} " only 250A reachable.

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	PRV	I_o	I_{FSM}	I_R	V_{FM}	I_{FM}	
	V	A	A	μA_{dc}	V	A	

8.0 Amperes

8A05	50							R-6 (No.: 9)	
8A1	100								
8A2	200								
8A4	400	8	400	10	1.1	8.0			
8A6	600								
8A8	800								
8A10	1000								

10 Amperes

10A05	50							R-6 (No.: 9)	
10A1	100								
10A2	200								
10A4	400	10	400	10	1.1	10			
10A6	600								
10A8	800								
10A10	1000								