

LEADED (THRU-HOLE)

General Purpose Rectifiers, 1 to 8 Amps

GENERAL PURPOSE RECTIFIERS (Including Glass Passivated, use G suffix)

Operating Temperature: -65°C to 125°C

RF Part Number	Cross Reference	Max Avg. Rectified Current	Peak Inverse Voltage	Peak Fwd Surge Current @ 8.3ms Superimposed	Max Forward Voltage @ 25°C @ Rated I_o	Max Reverse Current @ 25°C @ Rated PIV	Package	Outline (Max in inches)
		I_o (A)	PIV (V)	I_{FSM} (A)	V_{FM} (V)	I_R (A)	Bulk/Reel	
1A1		1.0 A	50	25	1.1	5.0	1000/5000	
1A2		1.0 A	100	25	1.1	5.0	1000/5000	
1A3		1.0 A	200	25	1.1	5.0	1000/5000	
1A4		1.0 A	400	25	1.1	5.0	1000/5000	
1A5		1.0 A	600	25	1.1	5.0	1000/5000	
1A6		1.0 A	800	25	1.1	5.0	1000/5000	
1A7		1.0 A	1000	25	1.1	5.0	1000/5000	
1N4001S	RL101	1.0 A	50	30	1.0	5.0	1000/5000	
1N4002S	RL102	1.0 A	100	30	1.0	5.0	1000/5000	
1N4003S	RL103	1.0 A	200	30	1.0	5.0	1000/5000	
1N4004S	RL104	1.0 A	400	30	1.0	5.0	1000/5000	
1N4005S	RL105	1.0 A	600	30	1.0	5.0	1000/5000	
1N4006S	RL106	1.0 A	800	30	1.0	5.0	1000/5000	
1N4007S	RL107	1.0 A	1000	30	1.0	5.0	1000/5000	
1N4001		1.0 A	50	30	1.1	5.0	1000/5000	
1N4002		1.0 A	100	30	1.1	5.0	1000/5000	
1N4003		1.0 A	200	30	1.1	5.0	1000/5000	
1N4004		1.0 A	400	30	1.1	5.0	1000/5000	
1N4005		1.0 A	600	30	1.1	5.0	1000/5000	
1N4006		1.0 A	800	30	1.1	5.0	1000/5000	
1N4007		1.0 A	1000	30	1.1	5.0	1000/5000	
1N5391	RL151	1.5 A	50	50	1.0	5.0	500/4000	
1N5392	RL152	1.5 A	100	50	1.0	5.0	500/4000	
1N5393	RL153	1.5 A	200	50	1.0	5.0	500/4000	
1N5395	RL154	1.5 A	400	50	1.0	5.0	500/4000	
1N5397	RL155	1.5 A	600	50	1.0	5.0	500/4000	
1N5398	RL156	1.5 A	800	50	1.0	5.0	500/4000	
1N5399	RL157	1.5 A	1000	50	1.0	5.0	500/4000	
2A01		2.0 A	50	60	1.0	5.0	500/4000	
2A02		2.0 A	100	60	1.0	5.0	500/4000	
2A03		2.0 A	200	60	1.0	5.0	500/4000	
2A04		2.0 A	400	60	1.0	5.0	500/4000	
2A05		2.0 A	600	60	1.0	5.0	500/4000	
2A06		2.0 A	800	60	1.0	5.0	500/4000	
2A07		2.0 A	1000	60	1.0	5.0	500/4000	
1N5400	P300A	3.0 A	50	200	1.0	5.0	500/1250	
1N5401	P300B	3.0 A	100	200	1.0	5.0	500/1250	
1N5402	P300D	3.0 A	200	200	1.0	5.0	500/1250	
1N5404	P300G	3.0 A	400	200	1.0	5.0	500/1250	
1N5406	P300J	3.0 A	600	200	1.0	5.0	500/1250	
1N5407	P300K	3.0 A	800	200	1.0	5.0	500/1250	
1N5408	P300M	3.0 A	1000	200	1.0	5.0	500/1250	
6A05S		6.0 A	50	250	0.9	5.0	400/500	
6A10S		6.0 A	100	250	0.9	5.0	400/500	
6A20S		6.0 A	200	250	0.9	5.0	400/500	
6A40S		6.0 A	400	250	0.9	5.0	400/500	
6A60S		6.0 A	600	250	0.9	5.0	400/500	
6A80S		6.0 A	800	250	0.9	5.0	400/500	
6A100S		6.0 A	1000	250	0.9	5.0	400/500	
6A05		6.0 A	50	400	0.9	5.0	200/500	
6A10		6.0 A	100	400	0.9	5.0	200/500	
6A20		6.0 A	200	400	0.9	5.0	200/500	
6A40		6.0 A	400	400	0.9	5.0	200/500	
6A60		6.0 A	600	400	0.9	5.0	200/500	
6A80		6.0 A	800	400	0.9	5.0	200/500	
6A100		6.0 A	1000	400	0.9	5.0	200/500	
8A05		8.0 A	50	400	1.0	5.0	200/500	
8A10		8.0 A	100	400	1.0	5.0	200/500	
8A20		8.0 A	200	400	1.0	5.0	200/500	
8A40		8.0 A	400	400	1.0	5.0	200/500	
8A60		8.0 A	600	400	1.0	5.0	200/500	
8A80		8.0 A	800	400	1.0	5.0	200/500	
8A100		8.0 A	1000	400	1.0	5.0	200/500	