

LEADED (THRU-HOLE) High Voltage Rectifiers

200mA, 500mA HIGH VOLTAGE RECTIFIER

Operating Temperature -55°C to +135°C

RF Part Number	Cross Reference	Max. Avg. Forward Current	Peak Inverse Voltage	Max Fwd Surge Current 1 Cycle	Max Fwd Voltage @TA 25°C @ Rated Current	Max Reverse Current @25°C @ Rated PIV	Outline Max in inches
		I_O (A)	PIV (V)	I_{FSM} (A)	V_{FM} (V)	I_R (μ A)	
GP02-25	R2500	200 mA	2500	30	3	5	
GP02-30	R3000	200 mA	3000	30	3	5	
GP02-35	R3500	200 mA	3500	30	5	5	
GP02-40	R4000	200 mA	4000	30	5	5	
GP02-50	R5000	200 mA	5000	30	7	5	
GP02-60	R6000	200 mA	6000	30	7	5	
GP05-10	R1000	500 mA	1000	30	2	5	
GP05-15	R1500	500 mA	1500	30	2	5	
GP05-18	R1800	500 mA	1800	30	2	5	
GP05-20	R2000	500 mA	2000	30	2	5	

350mA HIGH VOLTAGE MICROWAVE OVEN RECTIFIER

Operating Temperature -40°C to +130°C

RF Part Number	Cross Reference	Max. Avg. Forward Current	Peak Inverse Voltage	Max Fwd Surge Current 1 Cycle	Max Fwd Voltage @TA 25°C @ Rated Current	Max Reverse Current @25°C @ Rated PIV	Outline Max in inches
		I_O (A)	PIV (V)	I_{FSM} (A)	V_{FM} (V)	I_R (μ A)	
HV03-08	HVR-1X	350 mA	8000	20	10	5	
HV03-09		350 mA	9000	20	10	5	
HV03-10	SJC01-12	350 mA	10000	20	10	5	
HV03-12		350 mA	12000	20	12	5	
HV03-14		350 mA	14000	20	15	5	
HV03-15		350 mA	15000	20	15	5	

750mA HIGH VOLTAGE RECTIFIER ASSEMBLY

Operating Temperature -40°C to +135°C

RF Part Number	Cross Reference	Max. Avg. Forward Current	Peak Inverse Voltage	Max Fwd Surge Current 1 Cycle	Max Fwd Voltage @TA 25°C @ Rated Current	Max Reverse Current @25°C @ Rated PIV	Outline Max in inches
		I_O (A)	PIV (V)	I_{FSM} (A)	V_{FM} (V)	I_R (μ A)	
HV07-08	HVP8	750 mA	8000	50	10	5	
HV07-09	HVP9	750 mA	9000	50	10	5	
HV07-10	HVP10	750 mA	10000	50	10	5	
HV07-12	HVP12	750 mA	12000	50	14	5	
HV07-14	HVP14	750 mA	14000	50	14	5	
HV07-15	HVP15	750 mA	15000	50	16	5	
HV07-16	HVP16	750 mA	16000	50	16	5	