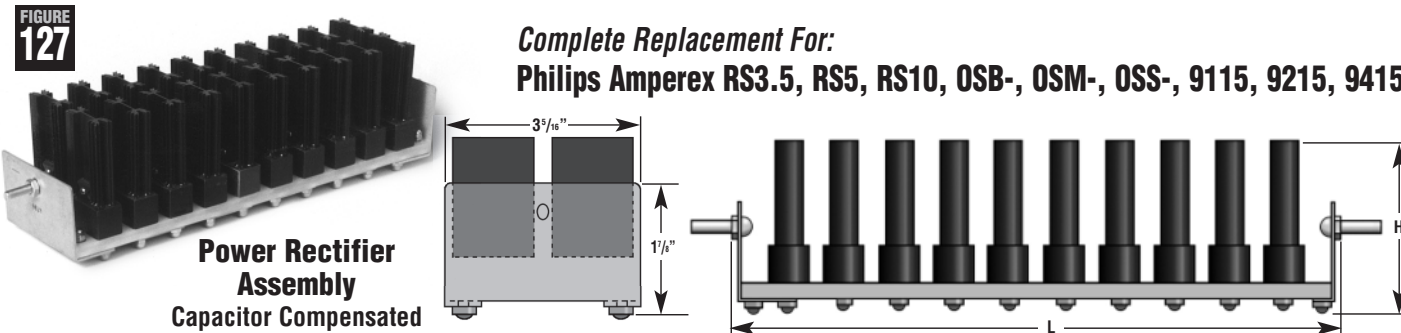


Part Number	Repetitive Peak Reverse Voltage V_{RRM} V	Avg. Maximum Forward Current Still Air $@T_A=35^\circ C$ A	Avg. Maximum Forward Current Still Air $@T_A=55^\circ C$ A	Avg. Maximum Forward Current Forced Air $@T_A=35^\circ C^1$ A	Avg. Maximum Forward Current Forced Air $@T_A=55^\circ C^1$ A	Max. Forward Voltage Drop@25°C $V_F@I_F=12A$ V	Max. Surge Current $I_{FSM}(8.3ms)$ A	Max. Reverse Current $I_R@V_{RRM}25^\circ C/100^\circ C$ nS	Package Length L Inches	Figure
HVHP Series - High Current Diode		Standard Recovery								
HVHP7K	7200	4.2	3.5	12	10	12	600	400/600	6.5	126
HVHP10K	10800	3.2	2.6	12	10	18	600	400/600	6.5	126
HVHP19K	19200	2.6	2.0	10	8.4	32	600	400/600	12.5	126
HVHP29K	29000	2	1.4	9	7.5	48	600	400/600	12.5	126



Part Number	Repetitive Peak Reverse Voltage V_{RRM} V	Avg. Maximum Forward Current $50^\circ C I_{FAVM}^2$ A	Avg. Maximum Forward Current $50^\circ C I_{FAVM}^3$ A	Max. Forward Voltage Drop@25°C $V_F@I_F=5.0A$ V	Max. Surge Current $I_{FSM}@10ms$ A	Max. Reverse Current $I_R@V_{RRM}@25^\circ C$ μA	Package Length L Inches	Figure
HRS5 Series - Power Rectifier		Standard Recovery		H = 3.25 Inches				
HRS5-6	9600	5	15	6	400	100	4.8	127
HRS5-9	16000	5	15	10	400	100	7.0	127
HRS5-12	19200	5	15	12	400	100	8.15	127
HRS5-15	25600	5	15	16	400	100	10.4	127
HRS5-18	28800	5	15	18	400	100	11.5	127
HRS5-21	32000	5	15	20	400	100	12.62	127
HRS5-24	38400	5	15	24	400	100	14.85	127
HRS5-27	41600	5	15	26	400	100	16	127
HRS5-30	48000	5	15	30	400	100	18.2	127
HRS10 Series - Power Rectifier		Standard Recovery		H = 3.75 Inches				
HRS10-6	9600	10	25	6	950	100	4.8	127
HRS10-9	16000	10	25	10	950	100	7.0	127
HRS10-12	19200	10	25	12	950	100	8.15	127
HRS10-15	25600	10	25	16	950	100	10.4	127
HRS10-18	28800	10	25	18	950	100	11.5	127
HRS10-21	32000	10	25	20	950	100	12.62	127
HRS10-24	38400	10	25	24	950	100	14.85	127
HRS10-27	41600	10	25	26	950	100	16	127
HRS10-30	48000	10	25	30	950	100	18.2	127

For HRS series, add an S after the part number for M6-35 Studs instead of 1/4-28 - 1" studs which are standard. Fast recovery available.

¹ Ratings valid with 700 lfm of air at 35°C to 55°C with the case mounted to a proper heatsink and the air flow directed on the device.

² The current ratings in this column are for devices operated with convective cooling only. Ambient air temperature of 50°C or below.

³ The current ratings in this column are for devices operated with forced air cooling. Air flow must equal or exceed 300 linear feet per minute flow with an ambient air temperature of 50°C or below.

Maximum operating and storage temperature -55°C to 125°C

All listed products shipped on December 31, 2013 or later will be RoHS Compliant. Available earlier by special request, contact factory or sales rep for availability.