



HVCA Number	Repetitive Peak Reverse Voltage V_{RRM} V (Volts)	Avg. Forward Current Max. $I_{FAVM}@55^{\circ}\text{C}$ A (Amps)	Max. Forward Voltage Drop $V_F@I_F$ V (Volts)	Max. Reverse Current $I_R@V_{RRM}@25^{\circ}\text{C}$ μA (microAmps)	Max. Surge Current $I_{FSM}(8.3\text{ms})$ A (Amps)	Max. Reverse Recovery Time $T_{rr}(\text{nsec})$	Case Length (Inches) L x W
3HV • K-Standard Recovery Block 3.0 Amp Glass Passivated Rectifier Assembly							
3HV5K	5000	3.0	4.8	0.5	150	-	Fig.11-4.0x1.0
3HV8K	8000	2.75	7.5	0.5	150	-	Fig.11-6.0x1.0
3HV10K	10000	2.5	9.0	0.5	150	-	Fig.11-7.0x1.0
3HV15K	15000	2.5	14.0	0.5	150	-	Fig.12-4.0x2.0
3HV20K	20000	2.25	18.0	0.5	150	-	Fig.12-6.0x2.0
3HV25K	25000	2.25	22.0	0.5	150	-	Fig.12-8.0x2.0
3HV30K	30000	2.25	28.0	0.5	150	-	Fig.12-4.0x3.0
3HV40K	40000	2.25	36.0	0.5	150	-	Fig.12-8.0x3.0
3HV50K	50000	2.25	44.0	0.5	150	-	Fig.12-6.0x4.0
6HV • K-Standard Recovery Block 6.0 Amp Rectifier Assembly							
6HV5K	5000	3.5	5.0	5.0	400	-	Fig.11-4.0x1.0
6HV8K	8000	3.25	8.0	5.0	400	-	Fig.11-6.0x1.0
6HV10K	10000	3.0	10.0	5.0	400	-	Fig.11-7.0x1.0
6HV15K	15000	3.0	15.0	5.0	400	-	Fig.12-4.0x2.0
6HV20K	20000	2.75	20.0	5.0	400	-	Fig.12-6.0x2.0
6HV25K	25000	2.5	25.0	5.0	400	-	Fig.12-8.0x2.0
6HV30K	30000	2.5	30.0	5.0	400	-	Fig.12-4.0x3.0
6HV40K	40000	2.5	40.0	5.0	400	-	Fig.12-8.0x3.0
6HV50K	50000	2.5	50.0	5.0	400	-	Fig.12-6.0x4.0
3HVF • K-Fast Recovery T_{rr} 250 nsec Block 3.0 Amp Glass Passivated Rectifier Assembly							
3HVF5K	5000	2.5	7.0	0.5	100	250	Fig.11-4.0x1.0
3HVF8K	8000	2.5	11.0	0.5	100	250	Fig.11-6.0x1.0
3HVF10K	10000	2.5	13.0	0.5	100	250	Fig.11-7.0x1.0
3HVF15K	15000	2.25	22.0	0.5	100	250	Fig.12-4.0x2.0
3HVF20K	20000	2.25	26.0	0.5	100	250	Fig.12-6.0x2.0
3HVF25K	25000	2.25	34.0	0.5	100	250	Fig.12-8.0x2.0
3HVF30K	30000	2.25	40.0	0.5	100	250	Fig.12-4.0x3.0
3HVF40K	40000	2.25	52.0	0.5	100	250	Fig.12-8.0x3.0
3HVF50K	50000	2.25	68.0	0.5	100	250	Fig.12-6.0x4.0
3HUF • K-Ultra Fast Recovery T_{rr} 75 nsec Block 3.0 Amp Rectifier Assembly							
3HUF5K	5000	3.0	7.0	5.0	150	75	Fig.11-4.0x1.0
3HUF8K	8000	2.75	11.0	5.0	150	75	Fig.11-6.0x1.0
3HUF10K	10000	2.5	14.0	5.0	150	75	Fig.11-7.0x1.0
3HUF15K	15000	2.5	21.0	5.0	150	75	Fig.12-4.0x2.0
3HUF20K	20000	2.25	28.0	5.0	150	75	Fig.12-6.0x2.0
3HUF25K	25000	2.25	35.0	5.0	150	75	Fig.12-8.0x2.0
3HUF30K	30000	2.25	42.0	5.0	150	75	Fig.12-4.0x3.0
3HUF40K	40000	2.25	56.0	5.0	150	75	Fig.12-8.0x3.0
3HUF50K	50000	2.25	70.0	5.0	150	75	Fig.12-6.0x4.0

Figure 11-Rectifier Block

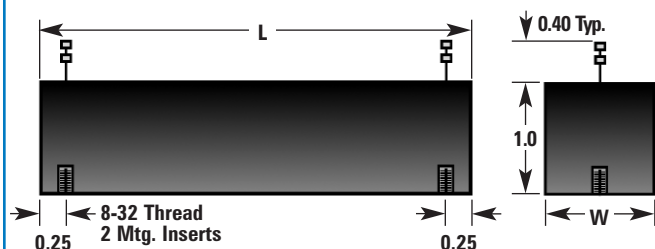
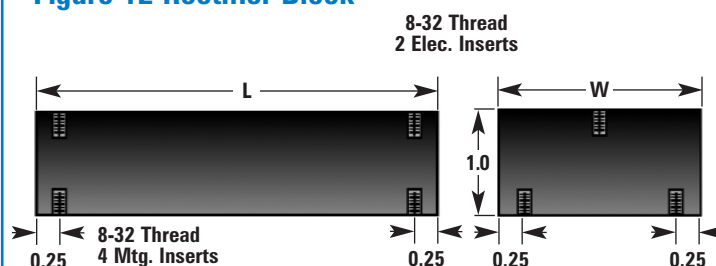


Figure 12-Rectifier Block



Available with resistor and capacitor or capacitor only compensation.