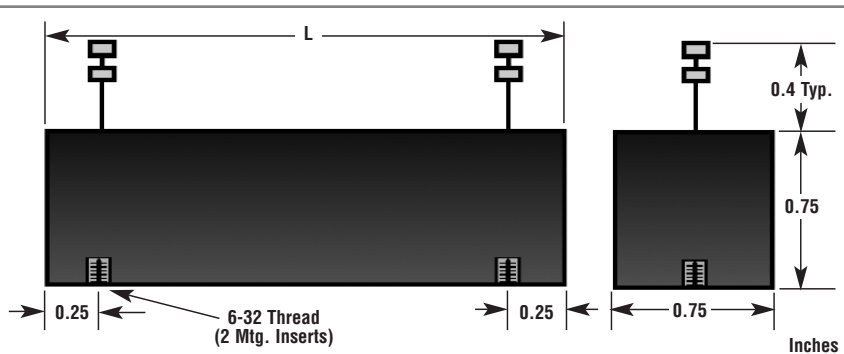




Rectifier Block

**FIGURE 10**

HVCA Number	Repetitive Peak Reverse Voltage V_{RRM} V(Volts)	Avg. Forward Current Max. $I_{FAVM}@55^{\circ}C$ A (Amps)	Max. Forward Voltage Drop $V_F@I_F$ V(Volts)	Max. Reverse Current $I_R@V_{RRM}@25^{\circ}C$ μA (microAmps)	Max. Surge Current $I_{FSM}(8.3ms)$ A(Amps)	Max. Reverse Recovery Time $T_R(nsec)$	Case Length L (Inches)
1HV•K- Standard Recovery Block 1.0 Amp Glass Passivated Rectifier Assembly							
1HV5K	5000	1.0	4.5	0.5	50	-	Figure 10 2.5
1HV8K	8000	1.0	7.2	0.5	50	-	3.5
1HV10K	10000	1.0	9.0	0.5	50	-	3.5
1HV15K	15000	1.0	14.0	0.5	50	-	5.0
1HV20K	20000	1.0	18.0	0.5	50	-	5.0
1HV25K	25000	0.75	22.0	0.5	50	-	6.0
1HV30K	30000	0.75	28.0	0.5	50	-	6.0
1HV40K	40000	0.75	36.0	0.5	50	-	7.0
1HV50K	50000	0.75	44.0	0.5	50	-	7.0
1HV60K	60000	0.75	56.0	0.5	50	-	7.0
1HVF•K-Fast Recovery T_R 150 nsec Block 1.0 Amp Glass Passivated Rectifier Assembly							
1HVF5K	5000	0.9	8.0	0.5	50	150	Figure 10 2.5
1HVF8K	8000	0.9	12.0	0.5	50	150	3.5
1HVF10K	10000	0.9	15.0	0.5	50	150	3.5
1HVF15K	15000	0.9	24.0	0.5	50	150	5.0
1HVF20K	20000	0.7	30.0	0.5	50	150	5.0
1HVF25K	25000	0.7	40.0	0.5	50	150	6.0
1HVF30K	30000	0.7	48.0	0.5	50	150	6.0
1HVF40K	40000	0.7	60.0	0.5	50	150	7.0
1HVF50K	50000	0.7	78.0	0.5	50	150	7.0
1HVUF•K-Ultra Fast Recovery T_R 75 nsec Block 1.0 Amp Rectifier Assembly							
1HVUF5K	5000	0.9	5.5	1.0	35	75	Figure 10 2.5
1HVUF8K	8000	0.9	8.8	1.0	35	75	3.5
1HVUF10K	10000	0.9	11.0	1.0	35	75	3.5
1HVUF15K	15000	0.9	17.0	1.0	35	75	5.0
1HVUF20K	20000	0.7	22.0	1.0	35	75	5.0
1HVUF25K	25000	0.7	28.0	1.0	35	75	6.0
1HVUF30K	30000	0.7	34.0	1.0	35	75	6.0
1HVUF40K	40000	0.7	44.0	1.0	35	75	7.0
1HVUF50K	50000	0.7	56.0	1.0	35	75	7.0
1HVFE•K-Super Fast Recovery T_R 35 nsec Block 1.0 Amp Fast Efficient Glass Passivated Rectifier Assembly							
1HVFE3K	3000	1.0	15.0	1.0	50	35	Figure 10 5.0
1HVFE5K	5000	0.75	24.0	1.0	50	35	6.0
1HVFE10K	10000	0.75	48.0	1.0	50	35	7.0
1HVUSF•K-Ultra Super Fast Recovery T_R 35 nsec Block 1.0 Amp Rectifier Assembly							
1HVUSF5K	5000	0.65	7.0	1.0	10	35	Figure 10 2.5
1HVUSF8K	8000	0.65	11.2	1.0	10	35	3.5
1HVUSF10K	10000	0.65	14.0	1.0	10	35	3.5
1HVUSF15K	15000	0.65	21.0	1.0	10	35	5.0
1HVUSF20K	20000	0.5	28.0	1.0	10	35	5.0
1HVUSF25K	25000	0.5	35.0	1.0	10	35	6.0
1HVUSF30K	30000	0.5	42.0	1.0	10	35	6.0
1HVUSF40K	40000	0.5	56.0	1.0	10	35	7.0
1HVUSF50K	50000	0.5	70.0	1.0	10	35	7.0

Available with resistor and capacitor or capacitor only compensation.