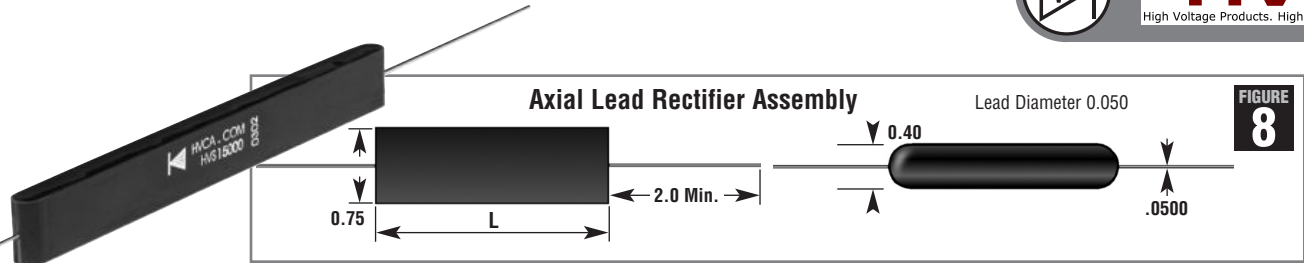


Part Number	Repetitive Peak Reverse Voltage $V_{RRM}$ V	Avg. Forward Current Max. $I_{FAVM}@55^{\circ}C$ A	Max. Forward Voltage Drop $V_F@I_{FAVM}$ V	Max. Reverse Current $I_R@V_{RRM}@25^{\circ}C$ $\mu A$	Max. Surge Current $I_{FSM}(8.3ms)$ A	Max. Reverse Recovery Time $T_{RR}$ nS	Case L Inches
<b>HV Series - Standard Recovery Axial Lead 1.0 Amp Glass Passivated Rectifier</b>							<b>Figure 7</b>
HV5000	5000	0.6	4.5	0.5	50	-	1.125
HV7500	7500	0.6	7.2	0.5	50	-	1.625
HV10000	10000	0.6	9.0	0.5	50	-	2.000
HV15000	15000	0.6	14.0	0.5	50	-	2.750
HV20000	20000	0.6	18.0	0.5	50	-	3.500
HV25000	25000	0.6	22.0	0.5	50	-	4.250
HV30000	30000	0.6	28.0	0.5	50	-	4.250
<b>HVF Series - Fast Recovery Axial Lead 1.0 Amp Glass Passivated Rectifier <math>T_{RR}</math> 150 nS</b>							<b>Figure 7</b>
HVF2500	2500	0.5	6.0	1.0	50	150	1.125
HVF5000	5000	0.5	9.0	1.0	50	150	2.000
HVF7500	7500	0.5	12.0	1.0	50	150	2.750
HVF10000	10000	0.5	15.0	1.0	50	150	3.500
HVF12500	12500	0.5	20.0	1.0	50	150	4.250
HVF15000	15000	0.5	24.0	1.0	50	150	4.250
HVF20000	20000	0.5	30.0	1.0	50	150	4.250
<b>HVUF Series - Ultra Fast Recovery Axial Lead 1.0 Amp Rectifier <math>T_{RR}</math> 75 nS</b>							<b>Figure 7</b>
HVUF2500	2500	0.5	3.3	1.0	35	75	1.125
HVUF5000	5000	0.5	5.5	1.0	35	75	1.125
HVUF7500	7500	0.5	8.8	1.0	35	75	1.625
HVUF10000	10000	0.5	11.0	1.0	35	75	2.000
HVUF12500	12500	0.5	15.0	1.0	35	75	2.750
HVUF15000	15000	0.5	17.0	1.0	35	75	2.750
HVUF20000	20000	0.5	22.0	1.0	35	75	3.500
HVUF25000	25000	0.5	28.0	1.0	35	75	4.250
<b>HVFE Series - Ultra Super Fast Recovery Axial Lead 1.0 Amp Rectifier <math>T_{RR}</math> 35nS</b>							<b>Figure 7</b>
HVFE2500	2500	0.6	13.0	1.0	50	35	2.750
HVFE5000	5000	0.6	24.0	1.0	50	35	4.250
<b>HVUSF Series - Ultra Super Fast Recovery Axial Lead 1.0 Amp Rectifier <math>T_{RR}</math> 35 nS</b>							<b>Figure 7</b>
HVUSF2500	2500	0.5	4.2	1.0	10	35	1.125
HVUSF5000	5000	0.5	7.0	1.0	10	35	2.000
HVUSF7500	7500	0.5	11.2	1.0	10	35	2.750
HVUSF10000	10000	0.5	14.0	1.0	10	35	3.500
HVUSF12500	12500	0.5	18.2	1.0	10	35	4.250
HVUSF15000	15000	0.5	21.0	1.0	10	35	4.250
HVUSF20000	20000	0.5	28.0	1.0	10	35	4.250

See page 23 for notes on max package operating voltage -  $V_{RRM}$  vs package applicability  
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Part Number	Repetitive Peak Reverse Voltage $V_{RRM}$ V	Avg. Forward Current Max. $I_{FAVM@55^{\circ}C}$ A	Max. Forward Voltage Drop $V_F@I_{FAVM}$ V	Max. Reverse Current $I_R@V_{RRM@25^{\circ}C}$ $\mu A$	Max. Surge Current $I_{FSM}(8.3ms)$ A	Max. Reverse Recovery Time $T_{RR}$ nS	Case L Inches
<b>HVS Series - Standard Recovery Axial Lead 3.0 Amp Glass Passivated Rectifier Assembly</b>							<b>Figure 8</b>
HVS2500	2500	1.1	2.4	0.5	150	-	1.5
HVS5000	5000	1.1	4.5	0.5	150	-	2.5
HVS7500	7500	1.1	7.2	0.5	150	-	3.5
HVS10000	10000	1.1	9.0	0.5	150	-	4.5
HVS12500	12500	1.1	11.0	0.5	150	-	5.5
HVS15000	15000	1.1	14.0	0.5	150	-	6.5
HVS20000	20000	1.1	18.0	0.5	150	-	6.5
HVS25000	25000	1.1	22.0	0.5	150	-	6.5
HVS30000	30000	1.1	28.0	0.5	150	-	6.5
<b>HVFS Series - Fast Recovery Axial Lead 3.0 Amp Glass Passivated Rectifier Assembly <math>T_{RR}</math> 250 nS</b>							<b>Figure 8</b>
HVFS2500	2500	0.75	4.0	0.5	100	250	1.5
HVFS5000	5000	0.75	7.0	0.5	100	250	2.5
HVFS7500	7500	0.75	11.0	0.5	100	250	3.5
HVFS10000	10000	0.75	13.0	0.5	100	250	4.5
HVFS12500	12500	0.75	17.0	0.5	100	250	5.5
HVFS15000	15000	0.75	22.0	0.5	100	250	6.5
HVFS20000	20000	0.75	26.0	0.5	100	250	6.5
HVFS25000	25000	0.75	34.0	0.5	100	250	6.5
HVFS30000	30000	0.75	44.0	0.5	100	250	6.5
<b>HVFES Series - Ultra Super Fast Recovery Axial Lead 3.0 Amp Fast Efficient Glass Passivated Rectifier Assembly <math>T_{RR}</math> 35 nS</b>							<b>Figure 8</b>
HVFES2500	2500	1.3	13.0	5.0	50	35	3.5
HVFES5000	5000	1.3	24.0	5.0	50	35	6.5
<b>HVUFS Series - Ultra Fast Recovery Axial Lead 3.0 Amp Rectifier Assembly <math>T_{RR}</math> 75 nS</b>							<b>Figure 8</b>
HVUFS2000	2500	2.0	4.2	5.0	150	75	1.5
HVUFS5000	5000	2.0	7.0	5.0	150	75	2.5
HVUFS7500	7500	2.0	11.2	5.0	150	75	3.5
HVUFS10000	10000	1.75	14.0	5.0	150	75	4.5
HVUFS12500	12500	1.75	18.2	5.0	150	75	5.5
HVUFS15000	15000	1.75	21.0	5.0	150	75	6.5
HVUFS20000	20000	1.75	28.0	5.0	150	75	6.5
HVUFS25000	25000	1.75	35.0	5.0	150	75	6.5
<b>HVUSFS Series - Ultra Super Fast Recovery Axial Lead 2.0 Amp Rectifier Assembly <math>T_{RR}</math> 40 nS</b>							<b>Figure 8</b>
HVUSFS2000	2500	1.25	6.0	5.0	60	40	1.5
HVUSFS5000	5000	1.25	10.0	5.0	60	40	2.5
HVUSFS7500	7500	1.25	16.0	5.0	60	40	3.5
HVUSFS10000	10000	1.25	20.0	5.0	60	40	4.5
HVUSFS12500	12500	1.0	26.0	5.0	60	40	5.5
HVUSFS15000	15000	1.0	30.0	5.0	60	40	6.5
HVUSFS20000	20000	1.0	40.0	5.0	60	40	6.5

See page 23 for notes on max package operating voltage -  $V_{RRM}$  vs package applicability

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