



**FIGURE 7**

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  
 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.