



Dimensions are in inches.  
RH, BCJ, RTH and RSU lead lengths 2.5 inches minimum

1.0" & 1.5" case lengths may have rounded ends

Part Number	Peak Reverse Voltage $V_{RRM}$ V	Avg. Forward Current Max. $I_{FAVM@55^{\circ}C}$ mA	Max. Forward Voltage Drop $V_f@I_{FAVM}$ V	Max. Reverse Current@25°C $I_R@V_{RRM}$ $\mu A$	Max. Surge Current $I_{FSM}(8.3ms)$ A	Max. Reverse Recovery Time $T_{RR}$ nS	Case L Inches
<b>RHV Series - Ultra High Voltage Low Current Fast Recovery Rectifiers</b>							Figure 6
RHV15	15000	25	35	1	3	100	2.0
RHV20	20000	25	55	1	3	100	2.0
RHV25	25000	25	55	1	3	100	2.0
RHV30	30000	25	70	1	3	100	3.0
RHV40	40000	25	110	1	3	100	3.0
RHV50	50000	25	110	1	3	100	3.0
RHV60	60000	25	110	1	3	100	3.0
RHV90	90000	25	165	1	3	100	3.0
RHV120	120000	25	220	1	3	100	3.0
RHV150	150000	25	275	1	3	100	3.0
<b>BCHV Series - Very High Voltage Medium Current Standard Recovery Rectifiers</b>							Figure 6
BCHV08	8000	100	10	2	20	-	1.0
BCHV10	10000	100	12	2	20	-	1.0
BCHV12	12000	100	13	2	20	-	1.0
BCHV15	15000	100	16	2	20	-	1.5
BCHV20	20000	100	24	2	20	-	2.0
BCHV25	25000	100	32	2	20	-	2.5
BCHV30	30000	100	32	2	20	-	3.0
BCHV35	35000	100	39	2	20	-	3.0
BCHV40	40000	100	48	2	20	-	3.0
BCHV50	50000	100	64	2	20	-	3.0
BCHV60	60000	100	64	2	20	-	3.0
<b>RTHV Series - Very High Voltage Medium Current Fast Recovery Rectifiers</b>							Figure 6
RTHV08	8000	100	22	2	10	100	1.0
RTHV10	10000	100	22	2	10	100	1.0
RTHV15	15000	100	26	2	10	100	1.5
RTHV20	20000	100	44	2	10	100	2.0
RTHV25	25000	100	52	2	10	100	2.5
RTHV30	30000	100	52	2	10	100	3.0
RTHV40	40000	100	78	2	10	100	3.0
RTHV45	45000	100	78	2	10	100	3.0
RTHV50	50000	100	105	2	10	100	3.0
RTHV60	60000	100	105	2	10	100	3.0
RTHV80	80000	100	140	2	10	100	3.0
<b>RSUF Series - High Current Ultra Fast Recovery Rectifiers</b>							Figure 6
RSUF2	2000	650	2.6	5	10	35	1.0
RSUF3	3000	650	3.9	5	10	35	1.5
RSUF5	5000	550	6.5	5	10	35	2.0
RSUF7	7000	500	9.1	5	10	35	3.0
<b>RSUFH Series - High Current Ultra Fast Recovery Rectifiers</b>							Figure 6
RSUFH12	1200	1500	3.6	10	50	35	1.0
RSUFH18	1800	1500	5.4	10	50	35	1.5
RSUFH24	2400	1250	7.2	10	50	35	2.0
RSUFH36	3600	1250	10.8	10	50	35	2.5
RSUFH42	4200	1250	12.6	10	50	35	3.0
<b>G•PE High Voltage Rectifiers - Poured Epoxy Overmolded Fast Rectifier</b>							Figure 6
G20PE	20000	15	35	0.2	3	100	1
G25PE	25000	15	42	0.2	3	100	1
G30PE	30000	15	48	0.2	3	100	1

G•PE Series lead lengths => 0.75 inches. Lead diameter 0.032 inches

See page 23 for notes on maximum package operating voltages -  $V_{RRM}$  vs package  
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.