



HVCA Number	Repetitive Peak Reverse Voltage $V_{RRM}$ V (Volts)	Avg. Forward Current Max. $I_{FAVM@55^{\circ}C}$ mA (milliAmps)	Max. Forward Voltage Drop $V_F@10ma$ V (Volts)	Max. Reverse Current $I_R@V_{RRM}@25^{\circ}C$ $\mu A$ (microAmps)	Max. Surge Current $I_{FSM}(8.3 ms)$ A (Amps)	Max. Reverse Recovery Time $T_r$ (nsec)	Case Length Inches
<b>NV • FP-Subminiature 100 nsec High Voltage Rectifier</b>							<b>Fig. 24</b>
NV20FP	2000	20	10	0.02	3.0	100	0.12 Max.
NV30FP	3000	20	10	0.02	3.0	100	0.12 Max.
NV40FP	4000	20	10	0.02	3.0	100	0.12 Max.
NV50FP	5000	20	10	0.02	3.0	100	0.12 Max.
<b>G • FS-Miniature 100 nsec High Voltage Rectifier</b>							<b>Fig. 2 – L and D</b>
G2FS	2000	25	15	0.20	3.0	100	0.20 0.10
G3FS	3000	25	15	0.20	3.0	100	0.20 0.10
G4FS	4000	25	15	0.20	3.0	100	0.20 0.10
G5FS	5000	25	15	0.20	3.0	100	0.20 0.10
G6FS	6000	25	18	0.20	3.0	100	0.32 0.12
G7FS	7000	25	18	0.20	3.0	100	0.32 0.12
G8FS	8000	25	25	0.20	3.0	100	0.32 0.12
G10FS	10000	25	25	0.20	3.0	100	0.32 0.12
G12FS	12000	10	35	0.20	3.0	100	0.40 0.12
G15FS	15000	10	35	0.20	3.0	100	0.40 0.12
<b>G • FP-Miniature 100 nsec High Voltage Rectifier</b>							<b>Fig. 2 – L and D</b>
G20FP	20000	10	55	0.20	3.0	100	0.47 0.12
G25FP	25000	10	55	0.20	3.0	100	0.47 0.12
G30FP	30000	10	55	0.20	3.0	100	0.47 0.12
<b>G • FG-Glass Passivated Fast Recovery High Voltage Rectifier</b>							<b>Fig. 3 L</b>
G10FG	10000	10	50	0.20	3.0	100	0.44 Max
G12FG	12000	10	50	0.20	3.0	100	0.44 Max
G15FG	15000	10	50	0.20	3.0	100	0.44 Max
<b>G • GE-Poured Epoxy Overmolded Fast Recovery Glass Passivated High Voltage Rectifier</b>							<b>Fig. 4 L</b>
G10GE	10000	15	50	0.20	3.0	100	1.0
G12GE	12000	15	50	0.20	3.0	100	1.0
G15GE	15000	15	50	0.20	3.0	100	1.0
<b>G • PE-Poured Epoxy Overmolded Fast Recovery High Voltage Rectifier</b>							<b>Fig. 4 L</b>
G20PE	20000	15	70	0.20	3.0	200	1.0
G25PE	25000	15	70	0.20	3.0	200	1.0
G30PE	30000	15	70	0.20	3.0	200	1.0