

Device Type	Reverse Voltage		Forward Current @55 C		Reverse Recovery Time	Repetitive Surge Current	1 Cycle Surge Current tp=8.3ms	Forward Voltage Drop		Reverse Current		Junction Cap Cj @ 5V 1MHz	Thermal Impedance		Operating & Storage Temp Range		Case Outline			
	V <sub>RRM</sub>	V <sub>IRM</sub>	I <sub>F</sub> (AV)					T <sub>rr</sub>	I <sub>RRM</sub>	I <sub>FSM</sub>	V <sub>F</sub> @ I <sub>F</sub>		I <sub>R</sub> @ V <sub>RRM</sub>		θ <sub>J-L</sub>			T <sub>op</sub> & T <sub>stg</sub>		
	Volts	Volts	Amps					ns	Amps	Amps	Volts		µA		C/W			C		
			pcb mtd	L=1/8"									25 C 100 C		3/8"	0"		Min	Max	

### STANDARD RECOVERY DISCRETE RECTIFIERS

1N3611	200	200	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N3612	400	400	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N3613	600	600	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N3614	800	800	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N3957	1000	1000	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N4245	200	200	1.0	2.0	2000	10	30	1.10	1.0	0.09	25	23	38	7	-65	175	G2
1N4246	400	400	1.0	2.0	2000	10	30	1.10	1.0	0.09	25	23	38	7	-65	175	G2
1N4247	600	600	1.0	2.0	2000	10	30	1.10	1.0	0.09	25	23	38	7	-65	175	G2
1N4248	800	800	1.0	2.0	2000	10	30	1.10	1.0	0.09	25	23	38	7	-65	175	G2
1N4249	1000	1000	1.0	2.0	2000	10	30	1.10	1.0	0.09	25	23	38	7	-65	175	G2
1N5550 <sup>F</sup>	200	200	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
1N5551 <sup>F</sup>	400	400	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
1N5552 <sup>F</sup>	600	600	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
1N5553 <sup>F</sup>	800	800	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
1N5554 <sup>F</sup>	1000	1000	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
1N5614 <sup>F</sup>	200	200	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N5616 <sup>F</sup>	400	400	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N5618 <sup>F</sup>	600	600	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N5620 <sup>F</sup>	800	800	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
1N5622 <sup>F</sup>	1000	1000	1.0	2.0	2000	10	30	1.10	1.0	0.5	25	23	38	7	-65	175	G2
S2M	200	200	1.0	2.0	2000	10	30	1.10	1.0	1.0	25	23	38	7	-65	175	G2
S4M	400	400	1.0	2.0	2000	10	30	1.10	1.0	1.0	25	23	38	7	-65	175	G2
S6M	600	600	1.0	2.0	2000	10	30	1.10	1.0	1.0	25	23	38	7	-65	175	G2
S8M	800	800	1.0	2.0	2000	10	30	1.10	1.0	1.0	25	23	38	7	-65	175	G2
S0M	1000	1000	1.0	2.0	2000	10	30	1.10	1.0	1.0	25	23	38	7	-65	175	G2
3SM2	200	200	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
3SM4	400	400	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
3SM6	600	600	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
3SM8	800	800	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
3SM0	1000	1000	3.0	5.0	2000	25	150	1.00	3.0	1.0	20	92	20	4	-65	175	G4
PM6	600	600	1.1	2.0	2500	12	50	1.00	1.0	1.0	10	20	47	19	-65	175	G88
PM8	800	800	1.1	2.0	2500	12	50	1.00	1.0	1.0	10	20	47	19	-65	175	G88
PM0	1000	1000	1.1	2.0	2500	12	50	1.00	1.0	1.0	10	20	47	19	-65	175	G88
3PM2	200	200	1.5	3.5	2500	20	80	1.15	3.0	1.0	10	33	26	12	-65	175	G83
3PM4	400	400	1.5	3.5	2500	20	80	1.15	3.0	1.0	10	33	26	12	-65	175	G83
3PM6	600	600	1.5	3.5	2500	20	80	1.15	3.0	1.0	10	33	26	12	-65	175	G83
3PM8	800	800	1.5	3.5	2500	20	80	1.15	3.0	1.0	10	33	26	12	-65	175	G83
3PM0	1000	1000	1.5	3.5	2500	20	80	1.15	3.0	1.0	10	33	26	12	-65	175	G83

Devices in **BOLD** type available to JAN, JANTX, and JANTXV levels.

**NOTE:** (A) Not available to JANTXV. (F) Available in Europe to F and FX levels. (FX) Available in Europe to FX level only.

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