

FAST RECOVERY RECTIFIERS

Type	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @8.3ms Superimposed	Maximum Reverse Current @PRV @25°C _T A	Maximum Forward Voltage @25°C _T A		Maximum Reverse Recovery Time	Package Dimensions
	PRV	I _o @T _A		IFM(Surge)	IR	IFM	VFM	T _{rr}	
	VPK	AAV	°C	APK	uAdc	APK	VPK	nS	
1F1	50	1.0	25	25	5.0	1.0	1.3	150	R-1
1F2	100	1.0	25	25	5.0	1.0	1.3	150	
1F3	200	1.0	25	25	5.0	1.0	1.3	150	
1F4	400	1.0	25	25	5.0	1.0	1.3	150	
1F5	600	1.0	25	25	5.0	1.0	1.3	250	
1F6	800	1.0	25	25	5.0	1.0	1.3	500	
1F7	1000	1.0	25	25	5.0	1.0	1.3	500	
RL101F	50	1.0	55	30	5.0	1.0	1.3	150	A-405
RL102F	100	1.0	55	30	5.0	1.0	1.3	150	
RL103F	200	1.0	55	30	5.0	1.0	1.3	150	
RL104F	400	1.0	55	30	5.0	1.0	1.3	150	
RL105F	600	1.0	55	30	5.0	1.0	1.3	250	
RL106F	800	1.0	55	30	5.0	1.0	1.3	500	
RL107F	1000	1.0	55	30	5.0	1.0	1.3	500	
FR101(G)	50	1.0	75	30	5.0	1.0	1.3	150	DO-41
FR102(G)	100	1.0	75	30	5.0	1.0	1.3	150	
FR103(G)	200	1.0	75	30	5.0	1.0	1.3	150	
FR104(G)	400	1.0	75	30	5.0	1.0	1.3	150	
FR105(G)	600	1.0	75	30	5.0	1.0	1.3	250	
FR106(G)	800	1.0	75	30	5.0	1.0	1.3	500	
FR107(G)	1000	1.0	75	30	5.0	1.0	1.3	500	
1N4933(G)	50	1.0	75	30	5.0	1.0	1.2	200*	DO-41
1N4934(G)	100	1.0	75	30	5.0	1.0	1.2	200*	
1N4935(G)	200	1.0	75	30	5.0	1.0	1.2	200*	
1N4936(G)	400	1.0	75	30	5.0	1.0	1.2	200*	
1N4937(G)	600	1.0	75	30	5.0	1.0	1.2	200*	
1N4942(G)	200	1.0	75	30	5.0	1.0	1.3	150	DO-41
1N4944(G)	400	1.0	75	30	5.0	1.0	1.3	150	
1N4946(G)	600	1.0	75	30	5.0	1.0	1.3	250	
1N4947(G)	800	1.0	75	30	5.0	1.0	1.3	500	
1N4948(G)	1000	1.0	75	30	5.0	1.0	1.3	500	
BA157	400	1.0	75	30	5.0	1.0	1.3	150	DO-41
BA158	600	1.0	75	30	5.0	1.0	1.3	150	
BA159	1000	1.0	75	30	5.0	1.0	1.3	250	
FR151(G)	50	1.5	75	60	5.0	1.5	1.3	150	DO-15
FR152(G)	100	1.5	75	60	5.0	1.5	1.3	150	
FR153(G)	200	1.5	75	60	5.0	1.5	1.3	150	
FR154(G)	400	1.5	75	60	5.0	1.5	1.3	150	
FR155(G)	600	1.5	75	60	5.0	1.5	1.3	250	
FR156(G)	800	1.5	75	60	5.0	1.5	1.3	500	
FR157(G)	1000	1.5	75	60	5.0	1.5	1.3	500	
FR201(G)	50	2.0	75	70	5.0	2.0	1.3	150	DO-15
FR202(G)	100	2.0	75	70	5.0	2.0	1.3	150	
FR203(G)	200	2.0	75	70	5.0	2.0	1.3	150	
FR204(G)	400	2.0	75	70	5.0	2.0	1.3	150	
FR205(G)	600	2.0	75	70	5.0	2.0	1.3	250	
FR206(G)	800	2.0	75	70	5.0	2.0	1.3	500	
FR207(G)	1000	2.0	75	70	5.0	2.0	1.3	500	
FR301(G)	50	3.0	75	200	10	3.0	1.3	150	DO-201AD
FR302(G)	100	3.0	75	200	10	3.0	1.3	150	
FR303(G)	200	3.0	75	200	10	3.0	1.3	150	
FR304(G)	400	3.0	75	200	10	3.0	1.3	150	
FR305(G)	600	3.0	75	200	10	3.0	1.3	250	
FR306(G)	800	3.0	75	200	10	3.0	1.3	500	
FR307(G)	1000	3.0	75	200	10	3.0	1.3	500	
FR601	50	6.0	75	300	10	6.0	1.3	150	R-6
FR602	100	6.0	75	300	10	6.0	1.3	150	
FR603	200	6.0	75	300	10	6.0	1.3	150	
FR604	400	6.0	75	300	10	6.0	1.3	150	
FR605	600	6.0	75	300	10	6.0	1.3	250	
FR606	800	6.0	75	300	10	6.0	1.3	500	
FR607	1000	6.0	75	300	10	6.0	1.3	500	

Note: "G" the dice is GPP dice
 "*" T_{rr} TEST @ IF=1.0A, VR=30V