

FAST RECOVERY GLASS PASSIVATED RECTIFIERS

94 DE 2848793 0000275 B

OPERATING AND STORAGE TEMPERATURE -65°C to + 175°C

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
	PRV	I _o @ T _A		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}	T _{rr}
	V _{PK}	A _{AV}	°C	A _{PK}	μA _{dc}	A _{PK}	V _{PK}	nS

1.0 AMPERE FAST RECOVERY GLASS PASSIVATED/A-405

RL101FG	50	1.0	55	50	5.0	1.0	1.3	150
RL102FG	100	1.0	55	50	5.0	1.0	1.3	150
RL103FG	200	1.0	55	50	5.0	1.0	1.3	150
RL104FG	400	1.0	55	50	5.0	1.0	1.3	150
RL105FG	600	1.0	55	50	5.0	1.0	1.3	250

1.0 AMPERE FAST RECOVERY GLASS PASSIVATED/DO-41

FR101G	50	1.0	55	50	5.0	1.0	1.3	150
FR102G	100	1.0	55	50	5.0	1.0	1.3	150
FR103G	200	1.0	55	50	5.0	1.0	1.3	150
FR104G	400	1.0	55	50	5.0	1.0	1.3	150
FR105G	600	1.0	55	50	5.0	1.0	1.3	250
1N4933G	50	1.0	75	50	5.0	1.0	1.2	*200
1N4934G	100	1.0	75	50	5.0	1.0	1.2	*200
1N4935G	200	1.0	75	50	5.0	1.0	1.2	*200
1N4936G	400	1.0	75	50	5.0	1.0	1.2	*200
1N4937G	600	1.0	75	50	5.0	1.0	1.2	*200
1N4942G	200	1.0	55	50	5.0	1.0	1.3	150
1N4944G	400	1.0	55	50	5.0	1.0	1.3	150
1N4946G	600	1.0	55	50	5.0	1.0	1.3	250

NOTE: "*" T_{rr} Test Condition = I_F = 1.0A, V_R = 30V.

1.5/2.0 AMPERES FAST RECOVERY GLASS PASSIVATED/DO-15

FR151G	50	1.5	55	60	5.0	1.5	1.3	150
FR152G	100	1.5	55	60	5.0	1.5	1.3	150
FR153G	200	1.5	55	60	5.0	1.5	1.3	150
FR154G	400	1.5	55	60	5.0	1.5	1.3	150
FR155G	600	1.5	55	60	5.0	1.5	1.3	250
FR201G	50	2.0	55	75	5.0	2.0	1.3	150
FR202G	100	2.0	55	75	5.0	2.0	1.3	150
FR203G	200	2.0	55	75	5.0	2.0	1.3	150
FR204G	400	2.0	55	75	5.0	2.0	1.3	150
FR205G	600	2.0	55	75	5.0	2.0	1.3	250

3.0 AMPERES FAST RECOVERY GLASS PASSIVATED/DO-201AD

FR301G	50	3.0	55	125	5.0	3.0	1.3	150
FR302G	100	3.0	55	125	5.0	3.0	1.3	150
FR303G	200	3.0	55	125	5.0	3.0	1.3	150
FR304G	400	3.0	55	125	5.0	3.0	1.3	150
FR305G	600	3.0	55	125	5.0	3.0	1.3	250

6.0 AMPERES FAST RECOVERY GLASS PASSIVATED/R-6

FR601G	50	6.0	55	300	5.0	6.0	1.3	150
FR602G	100	6.0	55	300	5.0	6.0	1.3	150
FR603G	200	6.0	55	300	5.0	6.0	1.3	150
FR604G	400	6.0	55	300	5.0	6.0	1.3	150
FR605G	600	6.0	55	300	5.0	6.0	1.3	250