

# FAST RECOVERY RECTIFIERS

$I_o$ (A)	1.0					1.5
PACKAGE	R-1	A-405	DO-41			DO-15
OUTLINE (mm/Typ.)						
$V_{RRM}$ (Volts)						
50	1F1	RL101F	FR101	1N4933	1N4942	FR151
100	1F2	RL102F	FR102	1N4934	1N4944	FR152
200	1F3	RL103F	FR103	1N4935	*1N4946	FR153
400	1F4	RL104F	FR104	1N4936	*1N4947	FR154
600			FR105P	1N4937	**1N4948	FR155P
600	*1F5	*RL105F	*FR105			*FR155
800	**1F6	**RL106F	**FR106			**FR156
1000	**1F7	**RL107F	**FR107			**FR157
1000			*FR107P			*FR157P

$V_f$ (Volts)	1.3	1.3	1.3	1.2	1.3	1.3
$I_R$ ( $\mu A$ )	5.0	5.0	5.0	5.0	5.0	5.0
$T_A$ ( $^{\circ}C$ )	25	55	75	75	75	75
$I_{FSM}$ (A)	25	30	30	30	30	60
$T_{RR}$ (nS)	150/*250/**500	150/*250/**500	150/*250/**500	#200	150/*250/**500	150/*250/**500

NOTES : 1.  $T_{rr}$  test condition :  $I_f=0.5A, I_r=-1.0A, I_{rr}=-0.25A$

2. "#"  $T_{rr}$  test condition:  $I_f=1.0A, V_r=30V$

3. Operating and storage temperature  $-65^{\circ}C$  to  $+150^{\circ}C$

4.  $V_f$  testing condition @  $I_f=I_o$ , unless otherwise specified

5.  $T_A$  @ rated forward current

**RECTRON**  
SEMICONDUCTOR

# FAST RECOVERY RECTIFIERS

$I_o$ (A)	2.0	2.5	3.0		6.0	8.0
PACKAGE	DO-15	R-3	DO-201AD		R-6	TO-220A
OUTLINE (mm/Typ.)						
$V_{RRM}$ (Volts)						
50	FR201	FR251	FR301	RL850	FR601	FR801
100	FR202	FR252	FR302	RL851	FR602	FR802
200	FR203	FR253	FR303	RL852	FR603	FR803
400	FR204	FR254	FR304	RL854	FR604	FR804
600	*FR205	*FR255	*FR305	RL856	*FR605	*FR805
800	**FR206	**FR256	**FR306		**FR606	
1000	**FR207	**FR257	**FR307		**FR607	
1000	*FR207P	*FR257P	*FR307P			

$V_f$ (Volts)	1.3	1.3	1.3	1.3	1.3	1.3
$I_R$ (mA)	5.0	5.0	10	10	10	10
$T_A$ (°C)	75	75	75	90	75	▲ 75
$I_{FM}$ (A)	70	150	200	100	300	200
$T_{rr}$ (ns)	150/*250/**500	150/*250/**500	150/*250/**500	#200	150/*250/**500	150/*250

NOTES : 1.  $T_{rr}$  test condition :  $I_f=0.5A, I_r=-1.0A, I_{rr}=-0.25A$

2. "#":  $T_{rr}$  test condition :  $I_f=1.0A, V_r=30V$ .

3. Operating and storage temperature  $-65^{\circ}C$  to  $+150^{\circ}C$

4.  $V_f$  testing condition @  $I_f=I_o$ , unless otherwise specified

5.  $T_A$  @ rated forward current; "▲" :  $T_c$

**RECTRON**  
SEMICONDUCTOR