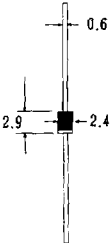
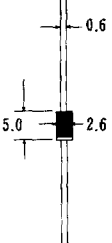
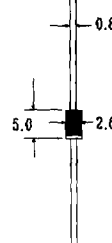
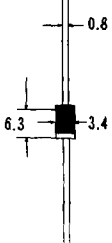


FAST RECOVERY RECTIFIERS

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 (μA)	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_{RM} (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