RECTRON
RECTIFIER SPECIALISTS

Reference: I_S= Saturation current; R_S= Ohmic resistance; N= Emission coefficient; T_T= Forward transit time; C_{JO}= zero-bias junction capacitance; V_J= Contact potential; M= Junction capacitance grading exponent; EG= Energy gap; X_{TI}= I_S temperature exponent; K_F= Flicker noise coefficient; A_F= Flicker noise exponent; F_C= C_J forward-bias coefficient; B_V= Reverse breakdown; I_{BV}= Current at B_V

	Rectron#	I_S (A)	R_S (ohm)	N	T_T (sec)	C_{JO} (F)	V_J (V)	M	E_G (eV)	X_{TI}	K_F	A_F	F_C	B_V (V)	I_{BV} (uA)	T_{NOM}	I_{KF}	I_{SR}	N_R
F A S T	FFM104	1.62E-05	0.0419308	3.84579	3.70E-07	2.61E-11	0.301597	0.370376	1.52509	3.12933	0	1	0.5	400	5.0				
	R2000F	1.15E-07	0.4085	4.5	7.40E-07	7.54E-12	1.4706	0.2992	1.11	3	0	1	0.5	2200	5.0				
	R5000F	5.15E-07	0.6585	6.5	4.53E-06	6.54E-12	1.4706	0.39	1.11	3	0	1	0.5	5100	10.0				
	FFM107	9.50E-07	8.10E-02	2.48	7.00E-07	2.50E-11	0.301597	0.333	1.11	3	0	1	0.5	1100	5.0				
R E C	FR806								1.11		0	1	0.5	660	5				