

Fast recovery silicon diodes. 1 Amp. to 1.5 Amps.

The plastic material carries UL recognition 94V-O.

Type	Average Rectified Current		Peak Inverse Voltage	Repetitive Peak Forward Current	Surge Forward Current	Max. Forward Voltage Drop at $T_A = 25^\circ\text{C}$		Max. Reverse Current at $T_A = 25^\circ\text{C}$	Max. Reverse Recovery Time
	$I_{T(AV)}$ at T_A		V_{RRM}	I_{TRM}	I_{TSM}	V_F at $I_{T(AV)}$		I_R	t_{rr} (1)
	(A)	($^\circ\text{C}$)	(V)	(A)	(A)	(V)	(A)	(μA)	(ns)

FF1000 Series. 1 AMP. Plastic Case: DO-41. Outline: 1

FF1001	1.0	45	50	5.0	35	1.3	1.0	5.0	150
FF1002	1.0	45	100	5.0	35	1.3	1.0	5.0	150
FF1003	1.0	45	200	5.0	35	1.3	1.0	5.0	150
FF1004	1.0	45	400	5.0	35	1.3	1.0	5.0	150
FF1005	1.0	45	600	5.0	35	1.3	1.0	5.0	250

BA150 Series. 1 AMP. Plastic Case: DO-15. Outline: 2

BA157	1.0	50	400	5.0	35	1.3	1.0	5.0	150
BA158	1.0	50	600	5.0	35	1.3	1.0	5.0	150
BA159	1.0	50	1000	5.0	35	1.3	1.0	5.0	250

1P640 Series. 1 AMP. Plastic Case: DO-15. Outline: 2

1P643	1.0	45	50	5.0	35	1.3	1.0	5.0	250
1P644	1.0	45	100	5.0	35	1.3	1.0	5.0	250
1P645	1.0	45	225	5.0	35	1.3	1.0	5.0	250
1P646	1.0	45	300	5.0	35	1.3	1.0	5.0	250
1P647	1.0	45	400	5.0	35	1.3	1.0	5.0	250
1P648	1.0	45	500	5.0	35	1.3	1.0	5.0	250

1N4930 Series. 1 AMP. Plastic Case: DO-15. Outline: 2

1N4933	1.0	75	50	5.0	30	1.2	1.0	5.0	150
1N4934	1.0	75	100	5.0	30	1.2	1.0	5.0	150
1N4935	1.0	75	200	5.0	30	1.2	1.0	5.0	150
1N4936	1.0	75	400	5.0	30	1.2	1.0	5.0	150
1N4937	1.0	75	600	5.0	30	1.2	1.0	5.0	150

FF1500 Series. 1.5 AMPS. Plastic Case: DO-15. Outline: 2

FF1501	1.5	45	100	5.0	50	1.3	1.5	5.0	150
FF1502	1.5	45	200	5.0	50	1.3	1.5	5.0	150
FF1504	1.5	45	400	5.0	50	1.3	1.5	5.0	150
FF1506	1.5	45	600	5.0	50	1.3	1.5	5.0	250
FF1508	1.5	45	800	5.0	50	1.3	1.5	5.0	500
FF1510	1.5	45	1000	5.0	50	1.3	1.5	5.0	500

Note:

(1) Reverse recovery test conditions: $I_F = 0.5\text{ A}$; $I_R = 1\text{ A}$ with $I_{RR} = 0.25\text{ A}$.