

TOLL FREE NUMBER 800-777-3960

## special package silicon rectifiers cont'd

stud mounted fast recovery  
silicon rectifiers

Type	Case Style	Maximum Peak Reverse Voltage (volts)	Maximum Average Forward Current (Amps) @ Case Temp. (°C)	Maximum Forward Voltage (volts) @ Forward Current (Amps)	Average Reverse Current (mA) @ Case Temp. (°C)	Recovery Time (nsec)	Peak Reverse Current (Amps)	Notes
1N3885	DO-10	100	12@100	1.4@12	5@100	200	2	3
1N3886	DO-10	200	12@100	1.4@12	5@100	200	2	3
1N3887	DO-10	300	12@100	1.4@12	5@100	200	2	3
1N3888	DO-10	400	12@100	1.4@12	5@100	200	2	3
1N3889	DO-4	50	12@100	1.4@12	5@100	200	2	3
1N3890	DO-4	100	12@100	1.4@12	5@100	200	2	3
1N3891	DO-4	200	12@100	1.4@12	5@100	200	2	3
1N3892	DO-4	300	12@100	1.4@12	5@100	200	2	3
1N3893	DO-4	400	12@100	1.4@12	5@100	200	2	3
1N3899	DO-5	50	20@100	1.4@20	10@100	200	3	3
1N3900	DO-5	100	20@100	1.4@20	10@100	200	3	3
1N3901	DO-5	200	20@100	1.4@20	10@100	200	3	3
1N3902	DO-5	300	20@100	1.4@20	10@100	200	3	3
1N3903	DO-5	400	20@100	1.4@20	10@100	200	3	3
1N3909	DO-5	50	30@100	1.4@30	15@100	200	3	3
1N3910	DO-5	100	30@100	1.4@30	15@100	200	3	3
1N3911	DO-5	200	30@100	1.4@30	15@100	200	3	3
1N3912	DO-5	300	30@100	1.4@30	15@100	200	3	3
1N3913	DO-5	400	30@100	1.4@30	15@100	200	3	3

## DO-27 case style

JEDEC Type No.	Peak Inverse Voltage (volts)	Maximum Leakage Current @ DC Reverse Voltage (μA)		Forward Voltage Drop @ 3 Amps (volts)		Average DC Forward Current @ 50°C (Amps)
		@ 25°C	@ 100°C	@ 25°C	@ 100°C	
1N4139	50	25	500	1.2	1.0	3
1N4140	100	25	500	1.2	1.0	3
1N4141	200	25	500	1.2	1.0	3
—	300	25	500	1.2	1.0	3
1N4142	400	25	500	1.2	1.0	3
—	500	25	500	1.2	1.0	3
1N4143	600	25	500	1.2	1.0	3
1N4144	800	25	500	1.2	1.0	3
1N4145	1000	25	500	1.2	1.0	3
1N4146	1200	25	500	1.2	1.0	3
1N4719	1N5400	50		1		3 @ 75
1N4720	1N5401	100		1		3 @ 75
1N4721	1N5402	200		1		3 @ 75
1N4722	1N5404	400		1		3 @ 75
1N4723	1N5406	600		1		3 @ 75
1N4724	1N5407	800		1		3 @ 75
1N4725	1N5408	1000		1		3 @ 75

## DO-7 case style

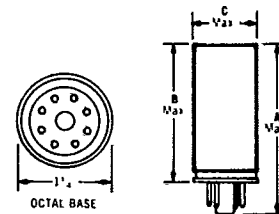
1N3282	1000	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 100(8)	—
1N3283	1500	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 100(8)	—
1N3284	2000	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 100(8)	—
1N3285	2500	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 100(8)	—
1N3286	3000	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 100(8)	—

## special assemblies

## VACUUM TUBE REPLACEMENTS

Type No.	Replaces	Configuration	Base & Body Outline (Figure No.)	Pin Connections	PIV (volts)	Average DC Current @ 55°C (mA)
1N1150 1N2634	80, 82, 83, 83V, 5Z3	F.W.C.T.	#1	Pin 4 (cathode) Pins 2 & 3 (anode)	1600	750
1N1237 1N2633	0Z4, 5X4, 5Y4, 6AX5, 6X5 6W5, 6ZY5, 5839, 5852	F.W.C.T.	#2	Pin 8 (cathode) Pins 3 & 5 (anode)	1600	750
1N1238 1N2631	5AV4, 5AW4, 5AZ4, 5T4, 5U4, 5V4, 5W4, 5Y4, 5Z4, 5931, 6087, 6106, 5AX4, 5AV4, 6004	F.W.C.T.	#2	Pin 8 (cathode) Pins 4 & 6 (anode)	1600	750
1N2389	5AU4, 5AW4, 5AZ4, 5T4, 5U4, 5Y4, 5W4, 5Y3, 5Z4	F.W.C.T.	#2	Pin 8 (cathode) Pins 4 & 6 (anode)	1600	600
1N1239 1N2632	5R4	F.W.C.T.	#2	Pin 8 (cathode) Pins 4 & 6 (anode)	2800	500
1N1262	6AV4, 6AX4, 6BL4, 25W4, 6U4, 6W4, 12AX4, 17AX4	H.W.	#2	Pin 3 (cathode) Pin 5 (anode)	4500	250
1N2490 1N2630 1N2635	6X4, 6032, 6202, 12X4	F.W.C.T.	#3	Pin 7 (cathode) Pins 1 & 6 (anode)	1600	500
1N2636	84, 6Z4	F.W.C.T.	#3	Pin 4 (cathode) Pins 2 & 3 (anode)	1500	85
1N2637	866, 866A, 3B28	H.W.	#4	Pin 1 (cathode) Cap (anode)	10,400	750

NOTE: If the tubes to be replaced are operating at or near their maximum PIV rating, please consult our applications group for proper recommendation.



Part No.	A	B	C	No. of Pins
1N1237 1N2386 1N2631 1N2632 1N2633	3 1/2"	2 3/8"	1 1/4"	8
1N1239	4 3/8"	3 3/4"	1 3/8"	3
1N1262	4 3/8"	3 3/4"	1 3/8"	8
1N2389	2 3/8" ± 1 1/8"	1 3/4" ± 1 1/8"	1 3/8"	8