

TOLL FREE NUMBER 800-777-3960

special package silicon rectifiers cont'd

stud mounted fast recovery silicon rectifiers

DO-27 case style

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 Recovery 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

JEDEC Type No.	Peak Inverse Voltage (volts)	Maximum Leakage Current @ DC Reverse Voltage (µA) @ 25°C @ 100°C	Forward Voltage Drop @ 3 Amps (volts) @ 25°C @ 100°C	Average DC Forward Current @ 50°C (Amps)	
1N4139	50	25	500	1.2	1.0
1N4140	100	25	500	1.2	1.0
1N4141	200	25	500	1.2	1.0
1N4142	300	25	500	1.2	1.0
1N4143	400	25	500	1.2	1.0
1N4144	500	25	500	1.2	1.0
1N4145	600	25	500	1.2	1.0
1N4146	800	25	500	1.2	1.0
1N4147	1000	25	500	1.2	1.0
1N4148	1200	25	500	1.2	1.0
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

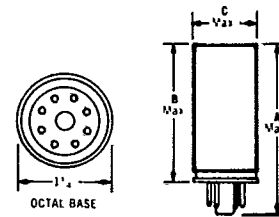
Type No.	PIV (volts)	Peak Inverse Voltage (volts)	Maximum Leakage Current @ DC Reverse Voltage (µA) @ 25°C @ 100°C	Forward Voltage Drop @ 3 Amps (volts) @ 25°C @ 100°C	Average DC Forward Current @ 50°C (Amps)
1N3282	1000	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 100(8)	—
1N3283	1500	0.1 @ 25(8)	2.5 @ 0.1(7)	0.1 @ 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				
1N1238				
1N2631	3 1/2"	2 3/8"	1 1/4"	8
1N2632				
1N2633				
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" ± 1/16"	1 3/4" ± 1/16"	1 3/8"	8

case outline drawings

