

# 5. RECTIFIERS

IN ORDER OF (1) PIV, (2) MAX AVG FWD CURRENT  
(3) TEMPERATURE, and (4) TYPE No.

LINE No.	TYPE No.	PIV (V)	MAX AVG FWD DC CURRENT			MAX RATINGS @ 25°C			MAX. TEMP (°C)	MAXIMUM FORWARD VOLTAGE DROP			MAX. REVERSE CURRENT			AVALANCHE RATINGS		DESCRIPTION	
			2. I <sub>c</sub> (A)	3. I <sub>r</sub> (A)	3. I <sub>o</sub> (A)	PEAK 1 Cy (A)	PULSE WIDTH (s)	DISS. (W)		at Ir (V)	at If (A)	at T (°C)	Ir @ 25°C (A)	Ir at T & Vr (A)	TEMP (°C)	TEST VOLT (V)	MAX V (V)		MIN SLOPE (A/V)
1	UT8160	720	12	25A	200			175A	1.1	12	25A	150u	300u	175A	600			Si	S292
2	JAN1N1206A	720	12	150C	240	8.3m		200C	1.35 ↑	38	25C	50u	1.0m	150C	600			Si	S465
3	JAN1N1206RA	720	12	150C	240	8.3m		200C	1.35 ↑	38	25C	50u	1.0m	150C	600			Si	S465a
4#	S9BR25	720 ↑	40	120B	250	20m		140B	1.2	40		20m	720					Si*	S122J
5	JAN1N3293	720	75	150C	1.6k	8.3m		200C	1.4 ↑	235	25C	7.0m	150C	600				Si	S407a
6	JAN1N3293R	720	75	150C	1.6k	8.3m		200C	1.4 ↑	235	25C	7.0m	150C	600				Si	S407c
7#	S9AN125	720	150	125B	3.3k	10m		170J	1.39	470		30m	720					Si*	M647
8	JAN1N3170	720	175	150C	3.0k	8.3m		175C	1.4 ↑	750	25C	40m	175C	600				Si	S407
9	JAN1N3170R	720	175	150C	3.0k	8.3m		175C	1.4 ↑	750	25C	40m	175C	600				Si	S407b
10#	S9EN270	720	290	125B	4.7k	10m		170J	1.29	910		50m	720					Si*	M307
11#	S9HN270	720	290	125B	4.7k	10m		170J	1.29	910		50m	720					Si*	M873
12#	S9EN290	720	310	125B	5.0k	10m		170J	1.26	975		50m	720					Si*	M307
13#	S9HN290	720	310	125B	5.0k	10m		170J	1.26	975		50m	720					Si*	M873
14#	S9EN350	720	370	125B	6.2k	10m		170J	1.2	1.1k		50m	720					Si*	M307
15#	S9HN350	720	370	125B	6.2k	10m		170J	1.2	1.1k		50m	720					Si*	M873
16	ED3007	750 Δ	50	50	20	8.3m	1.0	100A	1.5 Δ	1.0	25	10u	.03m	100	700			SiΔ	A1bk
17	ED3007A	750 Δ	75	50	25	8.3m	1.0	100A	1.3 Δ	1.0	25	10u	.03m	100	700			SiΔ	A1bk
18#	BYJ35	750	1.0	50A	50			150J	1.3	2.0	25J	5.0u		750				SiΔ	DO13
19	ED3007B	750 Δ	1.0	50	30	8.3m	1.0	100A	1.1 Δ	1.0	25	10u	.03m	100	700			SiΔ	A1bk
20	1N1128A	750	3.3	50B	25			175B	1.1	1.0	25B	10u	.20m	100B	750			Si	DO4
21	JAN1N1128A	750	3.3	50C	25	8.3m		150C	2.2 ↑	10	25C	5.0u	200u	150C	600			Si	S465
22	JAN1N1128RA	750	3.3	50C	25	8.3m		150C	2.2 ↑	10	25C	5.0u	200u	150C	600			Si	S465a
23	G5N3	800		150C	1.5k			175J	1.3	200	25C	5.0m	150C	800				Si	DO8
24	1N887	800	.05	25A\$	.50			200S	.60	.05		.02m		800				Si	A1bz
25	CER72A	800	.075	75A	48	4.0m		150A	1.2	.08	100	10uΔ	.20m	100	800			Si	DO27
26	1N876	800	.10	25A\$	1.0			200S	.60	.10		.02m		800				Si	A1bz
27	10R8B	800	.10	25	60			175	2.0	1.0	25	5.0u	.50m	150	800			Si	
28	PS2416	800	.10	25A\$				2.0	.5m	25A	10u			800				Si	C15
29	S208	800	100m	25\$	15			1.2	150m	25	100u			800				Si	A54
30	1N1407	800	.125	75A	6.0			150	5.0	1.2	25	10u	.10m	150A	800			Si	A53
31	1N865	800	.15	25A\$	1.5			200S	.60	.15				800				Si	A1bz
32	1N2501	800	.15	25A				150A	1.5	.10	25	20u	.20m	150	800			Si	A6
33	M72A	800	.15	50	50	8.3m		175	1.2		25	10u		800				Si	A3h
34	1N597	800	.15	55A	4.0	1.0m		150A	3.0 Δ	.17	25	25uΔ	.10mΔ	75A	800			Si	A31x
35	CER72B	800	.15	75A	48	4.0m		150A	1.2	.15	100	10uΔ	.20m	100	800			Si	DO27
36	1N854	800	.20	25A\$	2.0			200S	.60	.20		.02m		800				Si	A1bz
37	A1K1	800	.20	25	60			175A	.50		150	1.0u	.50m	150	800			Si	A84a
38	A1K5	800	.20	25	60			175A	.50		150	5.0u	.50m	150	800			Si	A84a
39#	A1K9	800	.20	25	60			175A	.50		150	10u	.50m	150	800			Si	A84a
40	B1K1	800	.20	25	60			175A	.50		150	1.0u	.50m	150	800			Si	A1rx
41	B1K5	800	.20	25	60			175A	.50		150	5.0u	.50m	150	800			Si	A1rx
42#	B1K9	800	.20	25	60			175A	.50		150	10u	.50m	150	800			Si	A1rx
43#	M82	800	.20	25A	3.0	10m	.25	150At	1.0	.20 ↑	25			800				SiΔ	DO7
44	PTC209-RT	800	200m	25	15									800				Se	A167a
45	K1K5	800	.20	50	60			150C	2.0	.20	25	5.0u	.50m	100C	800			Si	
46	S234	800	250m	25\$	15			65A	1.3	400m	25	200u		800				Si	A54
47	M72B	800	.25	50	50	8.3m		175	1.2		25	10u		800				Si	A3h
48#	RU1B	800	250m	50	15	10m		130	2.5	250m	25	10u		800				SiΔ	A344i
49	7D8	800 ↑	250m	65A	3.0	8.3m		150At	1.0 Δ	250m↑	25A	1.0uΔ	50uΔ	100A	800			Si	DO7
50	CER72C	800	.25	75A	48	4.0m		150A	1.2	.25	100	10uΔ	.20m	100	800			Si	DO27
51	1N560	800	.25	100A	1.0			140A	1.8	.25	25A	15u	.38m	125A	800			Si	DO3
52	1N1259	800	.27	25A	15			165A	1.0 ∅	.27	25A		.50m	125A	800			Si	A53
53	1N2505	800	.30	25A	15			150A	1.5	.20	25	20u	.20m	150	800			Si	A6
54	S28	800	300m	25\$	15			150A	1.2	500m	25	500u		800				Si	A64
55#	HV8PA	800	350m	100A				150A	900m	10m	25	10n	1.0u	100A	800			Si	A94q
56#	BYX10	800	360m	40A	15	10m		150J	1.6	2.0	25J	1.0u	50u	125J	800			Si	A171j
57	1N5218	800 ↑	.375	40A	50 \$			175A	1.2	1.0	75A		.20m	75A	800			Si	A31r
58	1S117	800	.40	25A	8.0			150A	1.0	.40	25A	.20u	.01m	100	800			SiΔ	A1
59#	M8HZ	800	400m	25A	3.0	10m	500m	150J	1.0 Δ	400m	25A		.150u	125A	800			Si	DO7
60	K2K5	800	.40	50	60			150C	2.0	.40	25	5.0u	.50m	100C	800			Si	
61	1N562	800	.40	100A	2.0			140A	1.8	.40	25A	15u	.38m	125A	800			Si	DO4
62#	MT84	800	400m	100A	3.0	10m	500m	200J	1.0 Δ	400m	25C		100u	150A	800			Si	DO7
63	SM83	800	450m	50\$	25			175	1.5	800m	25	1.0u	500u	150	800			Si	DO4
64	1N1108	800	.45	100	27	4.0m		150	3.0		25	2.0m		800				Si	F22a
65	A2K4	800	.475	25A	25			175A	1.5	.50	25	1.0uΔ	.50mΔ	150	800			Si	A84
66#	KD209V	800	500m					85A	1.0	500m				85A	800			SiΔ	A355
67	MT080	800	.50	25A	10		.50	175A	1.0	.40	25A	.30u	.03m	150A	800			Si	A60e
68	MT080A	800	.50	25A	10		.50	175A	1.0	.40	25A	.05u	.01m	150A	800			Si	A60e
69	S20M	800	.50	25	15			150A	1.2	.80	25	10u		800				Si	A54
70	S63	800	500m	25\$	15				1.2	800m	25	100u		800				Si	A54
71	1N3231	800	500m	50A	12			175S	3.3	500m</									