

### 3. DIODES

IN ORDER OF (1) PIV, (2) MIN. FWD. CURRENT, (3) Vf, and (4) TYPE No.

LINE No.	TYPE No.	PIV (V)	MINIMUM FORWARD CURRENT		MAXIMUM REVERSE CURRENT at 25°C			CAPACITANCE at TEST VOLTS (V)			ABS. MAX. RATINGS AT 25°C			SURGE CUR. PULSE WIDTH (s)		MAX. TEMP. (°C)	MAT.	DWG. No.	
			2 If (A)	3 @Vf (V)	Ir (A)	at Vr (V)	at SPECIFIED TEST CONDITIONS		CAP. (F)	DISS. (W)	AV REC FWD. CUR. (A)	PEAK 1 Cy (A)	PULSE WIDTH (s)						
							Ir (A)	TEMP. (°C)											
1#	S1R80	800	200m	1.5	5.0u	800								100					
2	1N4544	800	400m	1.0	0.2u	800	8.0u	800	150							200S	Si	DO14	
3	MC1528	800	400m	1.0	0.2u	800	15u	800	150				750m	400m	450m	175A	Si	A2d	
4#	ZS108	800	400m	1.0	0.2u	800	15u	800	100	12p	10		400m	400m	5.0	10m	175A	Si	DO7
5#	TF157	800	600m	1.0 Δ	5.0u	800							600m	600m	3.0	1.0	150A	Si	DO7
6#	1N3614	800	750m	1.0 Δ	10u	800	300u	800	150S					2.0	2.0	300S	Si	A1xr	
7#	BY210-800	800	1.0	1.2 Δ										1.0	30			DO15	
8	1N5627	800	3.0	950mΔ			200u	800	175A					3.0	125			A249	
9	MC1529	900	400m	1.0	0.2u	900	15u	900	150				750m	400m			175A	Si	A2d
10#	TF156	900	500m	1.1 Δ	1.0u	900				6.0p	12		600m	400m	3.0	1.0	150A	Si	DO7
11	DD10A	1.0k	10m	6.0 Δ	2.0n	1.0k	1.0u	1.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A109b
12	ND10	1.0k	10m	6.0 Δ	1.0n	1.0k	5.0u	1.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
13	ND10A	1.0k	10m	6.0 Δ	2.0n	1.0k	1.0u	1.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
14	3DD10	1.0k	30m	3.0 Δ	7.0n	1.0k	2.0u	1.0k	100	2.0p	0.0		100m	30m	500m	8.3m	150S	Si	A109d
15	MC100	1.0k	20	1.0	500n	1.0k	5.0u	1.0k	150					0.30	20			A2c	
16	MC100A	1.0k	20	1.0	50n		10u	1.0k	150					0.30	20			A2c	
17#	S1R100	1.0k	200m	1.5	5.0u	1.0k								10	8.3m	100			
18	1N3643	1.0k	25	5.0 Δ	5.0u									14		200S	Si	A83a	
19	1N4545	1.0k	40	1.0	20n		9.0u	1.0k	150					40		200S	Si	DO14	
20#	BA133F	1.0k	1.0	1.1 Δ	10u	1.0k	50u	1.0k	75A					1.0		175A	Si	DO41	
21	1N3929	1.0k	1.0	2.0 Δ	10u									2.0		175S	Si	DO13	
22	MC110	1.1k	20	1.0	200n	1.1k								0.30	20			A2t	
23	MC110A	1.1k	20	1.0	25n	1.1k								0.30	20			A2t	
24	MC110AS	1.1k	20	1.0	25n	1.1k								0.30	20			A1cy	
25	MC110S	1.1k	20	1.0	200n	1.1k								0.30	20			A1cy	
26	MC120	1.2k	20	1.0	200n	1.2k								0.30	20			A2t	
27	MC120A	1.2k	20	1.0	25n	1.2k								0.30	20			A2t	
28	MC120AS	1.2k	20	1.0	25n	1.2k								0.30	20			A1cy	
29	MC120S	1.2k	20	1.0	200n	1.2k								0.30	20			A1cy	
30	MC130	1.3k	10	1.0	300n	1.3k								0.30	10			A2t	
31	MC130A	1.3k	10	1.0	25n	1.3k								0.30	10			A2t	
32	MC130AS	1.3k	10	1.0	25n	1.3k								0.30	10			A1cy	
33	MC130S	1.3k	10	1.0	300n	1.3k								0.30	10			A1cy	
34	MC140	1.4k	10	1.0	300n	1.4k								0.30	10			A2t	
35	MC140A	1.4k	10	1.0	25n	1.4k								0.30	10			A2t	
36	MC140AS	1.4k	10	1.0	25n	1.4k								0.30	10			A1cy	
37	MC140S	1.4k	10	1.0	300n	1.4k								0.30	10			A1cy	
38	PTC216-RT	1.4k	1.0	1.0 Δ	6.0u	1.4k												A3p	
39	3DD15	1.5k	30m	3.0 Δ	7.0n	1.5k	2.0u	1.5k	100	2.0p	0.0		100m	30m	500m	8.3m	150S	Si	A109d
40#	BAY24	1.5k	80m	3.0	1.0u	1.5k								0.30	60m			A1ne	
41	MC150	1.5k	10	1.0	500n	1.5k								0.30	10			A2t	
42	MC150A	1.5k	10	1.0	25n	1.5k								0.30	10			A2t	
43	MC150AS	1.5k	10	1.0	25n	1.5k								0.30	10			A1cy	
44	MC150S	1.5k	10	1.0	500n	1.5k								0.30	10			A1cy	
45#	S1R150	1.5k	200m	1.5	5.0u	1.5k								10	8.3m	100			
46	1N3644	1.5k	25	5.0 Δ	5.0u	1.5k								1.0k		14		A83a	
47#	DS113	1.5k	1.5	1.2	10u	1.5k								1.5	100	150	10m	A268	
48#	BY228	1.5k	5.0	1.5 Δ			200u	1.5k	140J					50	10m	140J	10m	A249a	
49#	BY184	1.8k	100m	5.0 Δ			10u	1.5k	75J					2.0m	1.0	10m	75J	A1xt	
50	DD20A	2.0k	10m	6.0 Δ	2.0n	2.0k	1.0u	2.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A109b
51	ND20	2.0k	10m	6.0 Δ	1.0n	2.0k	5.0u	2.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
52	ND20A	2.0k	10m	6.0 Δ	2.0n	2.0k	1.0u	2.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
53	3DD20	2.0k	30m	3.0 Δ	1.0n	2.0k	2.0u	2.0k	100	2.0p	0.0		100m	30m	500m	8.3m	150S	Si	A109d
54#	BAY25	2.0k	80m	3.0	1.0u	2.0k								0.30	60m			A1ne	
55	1N3645	2.0k	25	5.0 Δ	5.0u	2.0k								1.0		14		A83a	
56	1N3931	2.0k	1.0	2.0 Δ	10u	2.0k								2.0		175S	Si	DO13	
57	1N5482	2.4k*	1.0	4.8 Δ			350u	2.0k	150A					1.0	80			A1hy	
58	3DD25	2.5k	30m	3.0 Δ	1.0n	2.5k	2.0u	2.5k	100	2.0p	0.0		100m	30m	500m	8.3m	150S	Si	A109d
59	1N3646	2.5k	25	5.0 Δ	5.0u	2.5k								1.0		200S	Si	A83a	
60	DD30A	3.0k	10m	6.0 Δ	2.0n	3.0k	1.0u	3.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A109b
61	ND30	3.0k	10m	6.0 Δ	1.0n	3.0k	5.0u	3.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
62	ND30A	3.0k	10m	6.0 Δ	2.0n	3.0k	1.0u	3.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
63	3DD30	3.0k	30m	3.0 Δ	1.0n	3.0k	2.0u	3.0k	100	2.0p	0.0		100m	30m	500m	8.3m	150S	Si	A109d
64#	BAY26	3.0k	80m	3.0	3.0u	3.0k								0.30	60m			A1ne	
65	1N3647	3.0k	25	5.0 Δ	5.0u	3.0k								1.0		14		A83a	
66	1N5483	3.6k*	1.0	7.2 Δ			350u	3.0k	150A					1.0	80			A1ms	
67	DD40A	4.0k	10m	6.0 Δ	2.0n	4.0k	1.0u	4.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A109b
68	ND40	4.0k	10m	6.0 Δ	1.0n	4.0k	5.0u	4.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
69	ND40A	4.0k	10m	6.0 Δ	2.0n	4.0k	1.0u	4.0k	100	1.0p	0.0		100m	20m	500m	8.3m	150S	Si	A83cd
70	1N3992	4.0k	25	5.0 Δ	5.0u	4.0k								1.0		200S	Si	A83a	
71	1N5484	4.8k*	1.0	8.4 Δ			350u	4.0k	150A					1.0	80			A1ms	
72	PTC218-RT	5.0k	300m	4.4 Δ	5.0u	5.0k												F51b	
73	1N5477	6.0k*	600m	10 Δ			350u	5.0k	150A					600m	80			M101a	
74	1N5485	6.0k*	1.0	10 Δ			350u	5.0k	150A					1.0	80			A1nu	
75	1N5478	7.2k*	600m	12 Δ			350u	6.0k</											