

4. TRIODES, POWER, BI-DIRECTIONAL TRIACS

IN ORDER OF (1) MAX. REPEAT. OFF-STATE VOLTAGE
(2) MAX. RMS CUR (3) @TEMP (4) VGT (5) VGT (6) TYPE No

LINE No.	TYPE No.	1 MAX. REP OFF-STATE VOLTAGE (V)	2 MAXIMUM RMS CURRENT IT (RMS) (A)	3 MAXIMUM GATE FIRING CHAR: 1ST QD (°C)	4 MAX HOLD CUR. IH (A)	5 MAX. OFF-ST. CURRENT ID @ VDRM @ T (°C)	6 MAX ON-STATE VOLTAGE VTM @ IT (A)	7 TYPICAL SWITCHING TIME (s)	8 WORST-CASE dv/dt (V/us)	9 SURGE CUR- RENT ITSM (A)	10 OPER TEMP RANGE (°C)	11 LEAD CODE	12 DRAWING No.						
1#	NAS1004W5	400	10	80C	25m	1.0 t	50m	2.0m	100J	1.6	10	3.0u	10	3.0	350 t	90	4B	CD	MU29
2#	NAS1004W6	400	10	80C	25m	1.0 t	50m	2.0m	100J	1.6	10	3.0u	10	3.0	350 t	90	4B	CE	RD11
3#	NAS1004W7	400	10	80C	25m	1.0 t	50m	2.0m	100J	1.6	10	3.0u	10	3.0	350 t	90	4B	CD	MU29
4#	NAS1004X5	400	10	80C	25m	1.0 t	50m	2.0m	100J	1.6	10	3.0u	10	3.0	350 t	90	4B	CE	RD11
5#	NAS1004X6	400	10	80C	25m	1.0 t	50m	2.0m	100J	1.6	10	3.0u	10	3.0	350 t	90	4B	CD	RD11
6#	NAS1004X7	400	10	80C	25m	1.0 t	50m	2.0m	100J	1.6	10	3.0u	10	3.0	350 t	90	4B	CE	RD11
7	Q4010L4	400	10	80C	25m	2.5	50m	2.0m	100C	1.6 t	10 *	3.0u	10	3.0	350 t	90	4B	CD	TO220AB
8#	BCR10EM8L	400	10	80C	30m	1.5	50m	2.0m	125J	1.7	15	3.0u	10	3.0	350 t	90	4B	CD*	MU115
9	Q4010F41	400	10	80C	40m	2.5	50m	2.0m	100	1.6	14	3.0u	10	3.0	350 t	90	4B	CD	Y202AB
10	Q4010FT1	400	10	80C	40m	2.5	50m	2.0m	100	1.6	14	3.0u	10	3.0	350 t	90	4B	CD	Y202AB
11	SC147D3	400	10	80C	50m	2.5m	50m	2.0m	25C	1.5	14	3.0u	10	3.0	350 t	90	4B	CD	MU27b
12	USC1440-4	400	10	80C	50m	2.0	30m	2.0m	100C	1.6	14	3.0u	10	3.0	350 t	90	4B	CD	Y220b
13	USC1490-4	400	10	80C	50m	2.0	30m	2.0m	100C	1.6	14	3.0u	10	3.0	350 t	90	4B	CD	Y220b
14	Q4010	400	10	80C	50m	2.5	50m	2.0m	100C	1.6 t	10 *	3.0u	10	3.0	350 t	90	4B	CE	TO39
15	Q4010A	400	10	80C	50m	2.5	50m	2.0m	100C	1.6 t	10 *	3.0u	10	3.0	350 t	90	4B	CD	TO3
16	SC146D	400	10	80C	50m	2.5	50m	500u	100C	1.6 t	14 t	3.0u	10	3.0	350 t	90	4B	CD*	TO220AB
17	SC147D5	400	10	80C	50m	2.5	50m	10m	25C	1.5	14	3.0u	10	3.0	350 t	90	4B	CD	MU27d
18	SC147D6	400	10	80C	50m	2.5	50m	10m	25C	1.5	14	3.0u	10	3.0	350 t	90	4B	CD	MU27e
19	SC147D	400	10	80C	50m	2.5	50	500u	100	1.6	14	3.0u	10	3.0	350 t	90	4B	CD*	TO220AB
20	SC250D2	400	10	84C	50m	2.5	50m	500u	115C	1.6 t	21 t	3.0u	10	3.0	350 t	90	4B	CD	SC66
21#	TM1040M	400	10	84C	50m	3.0	30m	2.0m	125J	1.5	14 t	3.0u	10	3.0	350 t	90	4B	CD*	MU63
22	T4121D	400	10	85C	25m	2.5	30m	2.0m	100J	1.6	14	1.6u	15	2.0	20	100	4A	CD	SC58
23	T4117D	400	10	85C	45m	1.5	15m	2.0m	100J	1.6	14	1.6u	15	2.0	10	100	4A	CD	TO48
24	T4114D	400	10	85C	50m	2.5	75m	2.0m	100J	1.8	21	1.6u	25	5.0	30	200	5A	CD	SC18g
25#	TW10N400CZ	400	10	85C	50m	3.0	60m	2.0m	125J	3.0	28	5.0u	10	5.0	20	100	4C	CD	SC122a
26#	TW10N400HZ	400	10	85C	50m	3.0	60m	2.0m	125J	3.0	28	5.0u	10	5.0	20	100	4C	CD	RD17d
27	2N5568	400	10	85C	150m	4.0	200m	2.0m	100C	1.6	10	5.0u	10	5.0	20	100	6A	CD	RD17e
28	2N5570	400	10	85C	150m	4.0	200m	2.0m	100C	1.6	10	5.0u	10	5.0	20	100	6A	CD	SC18g
29#	DTB10E	400	10	86C	50m	2.0	30m	2.0m	125	1.3	10	2.0	10	2.0	20	100	4C	CD	MU27
30#	AC10DIML	400	10	89C	50m	2.0	50m	2.0m	125J	1.3	10	2.0	10	2.0	20	100	4C	CD*	y220b
31#	AC10DIMR	400	10	89C	50m	2.0	50m	2.0m	125J	1.3	10	4.0 t	10	4.0	100 t	80	4C	CD*	TO220AB
32#	AC10DGM	400	10	91C	50m	3.0	30m	2.0m	125J	1.4	10	4.0 t	10	4.0	100 t	80	4C	CD*	Y220b
33#	AC10DGM	400	10	91C	50m	3.0	30m	2.0m	125J	1.4	10	4.0 t	10	4.0	100 t	80	4C	CD*	TO220AB
34#	DTA10E	400	10	91C	50m	3.0	30m	2.0m	125J	1.4	10	4.0 t	10	4.0	100 t	80	4C	CD	MU27
35#	BCR10DM8L	400	10	93C	30m	1.5	30m	2.0m	125J	1.5	15	10	10	10	100	4C	CD*	MU115	
36#	BCR10DM8R	400	10	93C	30m	1.5	30m	2.0m	125J	1.5	15	10	10	10	100	4C	CD*	MU115	
37#	BCR10AM8L	400	10	100C	30m	1.5	30m	2.0m	125J	1.7	15	10	10	10	100	4C	CD*	MU115	
38#	BCR10AM8R	400	10	100C	30m	1.5	30m	2.0m	125J	1.7	15	10	10	10	100	4C	CD*	MU115	
39#	BCR10CM8L	400	10	103C	30m	1.5	30m	2.0m	125J	1.5	15	10	10	10	100	4C	CD*	MU115	
40#	BCR10CM8R	400	10	103C	30m	1.5	30m	2.0m	125J	1.5	15	10	10	10	100	4C	CD*	MU115	
41#	TAG251-400	400	10	105J	25m	2.5	25m	1.5m	105C	2.0	15 t	5.0u	5.0	1.0 t	20	55	4A	CD	TO220AB
42#	TAG271-400	400	10	105J	25m	2.5	25m	1.5m	105C	2.0	15 t	5.0u	5.0	1.0 t	20	55	4A	CD	TO48
43#	TAG250-400	400	10	105J	50m	2.5	50m	1.5m	105C	2.0	15 t	5.0u	5.0	1.0 t	20	55	4A	CD	TO220AB
44#	TAG270-400	400	10	105J	50m	2.5	50m	1.5m	105C	2.0	15 t	5.0u	5.0	1.0 t	20	55	4A	CD	TO48
45#	TW11N400FZ	400	11	85C	50m	2.0	50m	0.4m	125J	2.5	36	5.0	5.0	2.0	100	4B	CD*	Y220ab	
46	BT423D	400	12	70C	25m	2.5	30m	2.0m	100J	1.6	30	1.6u	10	4.0	75	115	6A	CD	Y220ab
47#	TAG257-400	400	12	70C	25m	2.5	25m	1.5m	105J	1.7	17	2.0	2.0	200	100	4A	CC	Y220	
48#	TAG255A400	400	12	70C	50m	2.5	50m	1.5m	105J	1.6	17	5.0	5.0	500	120	4A	CD	TO220AB	
49#	TAG480-400	400	12	70C	50m	2.5	75m	1.5m	105J	1.4	18	5.0	5.0	500	150	4A	CC	Y220	
50#	TAG481-400	400	12	70C	50m	2.5	75m	1.5m	105J	1.4	18	5.0	5.0	500	150	4A	CC	Y220	
51	TIC236D	400	12	70C	50m	2.5	50m	2.0m	110C	2.1	17 t	5.0	5.0	50	120	4A	CD	TO220AB	
52	TR0251D	400	12	70C	50m	2.5	50m	1.5m	105C	1.5 t	15	5.0	5.0	50	120	4A	CA	TO66	
53#	TAG341-400	400	12	70C	50m	3.0	50m	1.5m	105C	1.7	20 t	5.0	5.0	20	100	4A	CA	TO66	
54#	TR147D	400	12	70C	50m	3.0	50m	1.5m	105J	1.4	18	5.0	5.0	200	150	4A	CD	TO220AB	
55#	TAG340-400	400	12	70C	100m	3.0	100m	1.5m	105C	1.7	20 t	5.0	5.0	20	100	4A	CA	TO66	
56#	BS12-04hu1	400	12	70C	75	2.5	50m	1.5m	105J	1.6	17	5.0	5.0	500	120	4A	CF	Y220	
57#	BS12-04hu5	400	12	70C	75	2.5	75m	1.5m	105J	1.4	18	5.0	5.0	500	150	4A	CF	Y220	
58#	TQ2212LT35	400	12	75C	50m	2.5	50m	100u	25J	1.5	17	2.0u	8.0	5.0	50	125	4B	CD	Y220b
59#	TQ2212LT40	400	12	75C	50m	2.5	50m	100u	25J	1.5	17	2.0u	8.0	5.0	50	125	4B	CD	Y220b
60#	BT412-400C	400	12	75C	25m	2.5	50m	0.5m	110J	1.5	17	5	5	50	115	4B	CD	Y220b	
61#	BTB12-400C	400	12	75C	25m	2.5	50m	0.5m	110J	1.5	17	5	5	50	115	4B	CD	Y220b	
62#	BTB12-400B	400	12	75C	50m	2.0	30m	0.5m	110J	1.5	17	10	10	100	115	4B	CD	Y220b	
63#	DTB12E	400	12	75C	50m	2.0	30m	0.5m	125J	1.3	10	10	10	100	100	4B	CD	MU27	
64#	DTA12-400B	400	12	75C	50m	2.5	50m	100u	25J	1.5	17	2.0u	12	10	100	125	4B	CD	Y220a
65	SC149D	400	12	75C	50m	2.5	50m	500u	100C	1.6	17	4.0	4.0	200	120	4A	CD*	TO220AB	
66#	BCR12EM8L	400	12	77C	30m	1.5	30m	2.0m	125J	1.7	20	10	10	100	150	4C	CD*	MU228	
67#	BCR12EM8R	400	12	77C	30m	1.5	30m	2.0m	125J	1.7	20	10	10	100	150	4C	CD*	MU115	
68	SC148D3	400	12	80C	50m	2.5m	50m	10m	25C	1.4	17	4.0	4.0	100	120	4A	CD	MU27b	
69#	AC12DIML	400	12	80C	50m	2.0	50m	2.0m	125J	1.3	10	10	10	50	100	4C	CD*	Y220b	
70#	AC12DIMR	400	12	80C	50m	2.0	50m	2.0m	125J	1.3	10	4.0 t	10	4.0	100 t	80	4C	CD*	Y220AB
71	SC148D5	400	12	80C	50m	2.5	50m	10m	25C	1.4	17	4.0	4.0	100	120	4A	CD	MU27d	
72	SC148D6	400	12	80C	50m	2.5	50m	10m	25C	1.4	17	4.0	4.0	100	120	4A	CD	MU27e	
73	SC148D	400	12	80C	50m	2.5	50m	10m	25C	1.4	17	100	100	120	120	4A	CD	MU27	
74#	SM12G41	400	12	80C	50m	3.0	50m	2.0m	1										