

# 4. TRIODES, POWER, BI-DIRECTIONAL TRIACS

IN ORDER OF (1) MAX. REPET. OFF-STATE VOLTAGE  
(2) MAX. RMS CUR(3) @TEMP(4) IGT(5) VVGT(6) TYPE NO

LINE No.	TYPE No.	MAX. REP OFF-STATE VOLTAGE (V)	MAXIMUM RMS CURRENT (A)	MAXIMUM GATE FIRING		MAX HOLD CUR. (A)	MAX. OFF-ST. CURRENT (A)	MAX ON-STATE VOLTAGE (V)		TYPICAL SWITCHING TIME (ts)		WORST-CASE dv/dt		SURGE CURRENT (A)	OPER. TEMP. RANGE (°C)	LEAD CODE	DRAWING No.		
				3 @T (°C)	4 IGT (V)			5 VVGT (V)	ID @T (A)	VDM @T (V)	@IT (A)	COMM V/us	STATIC V/us					ITSM (A)	
1	Q4001L3	400	1.6	80C	15m	2.5	15m	2.0m	100C	1.6	1.6	3.0u	1.6	1.0	20	10	4B	CD	TO220AB
2	NAS0164W3	400	1.6	80C	25m	1.0	25m	2.0m	100J	1.6	1.6	3.0u	1.0	3.0	150	16	4B	CB	RD9
3	NAS0164X3	400	1.6	80C	25m	1.0	25m	2.0m	100J	1.6	1.6	3.0u	1.0	3.0	150	16	4B	CB	RD9
4	L4001L9	400	1.6	80C	25m	2.5	25m	500u	80C	1.6	1.6	4.0u	1.6	1.0	25	10	4B	CD	MU29a
5	Q4001L4	400	1.6	80C	25m	2.5	25m	2.0m	100C	1.6	1.6	4.0u	1.6	1.0	25	10	4B	CD	TO220AB
6	L4001F32	400	1.6	100C	3.0m	2.0	5.0m	500u	100C	1.6	1.6	3.0u	100m	1.0	10	10	4A	CD	Y202
7	L4001F52	400	1.6	100C	5.0m	2.0	1.0m	500u	100C	1.6	1.6	3.0u	100m	1.0	10	10	4A	CD	Y202
8	L4001F72	400	1.6	100C	10m	2.0	1.5m	500u	100C	1.6	1.6	3.0u	100m	1.0	20	10	4A	CD	Y202
9	L4001F92	400	1.6	100C	25m	2.0	2.5m	500u	100C	1.6	1.6	4.0u	100m	1.0	25	10	4A	CD	Y202
10	T2313D	400	1.9	25A	25m	2.2	35m	750u	100J	2.6	1.0	1.8u	10	500ms	10	25	6A	CC	RD32d
11	DTA2E	400	2.0	70C	15m	2.3	25m	1.0m	110J	2.6	6.0					12	3A	CD	MU92
12	SM2G41	400	2.0	70C	15m	2.3	25m	1.0m	110J	2.6	6.0					13	2B	CD	MU26
13	TAG302-400	400	2.0	75C	15m	2.5	15m	2.0m	125J	2.2	1.0	5.0u	2.0	1.0	20	30	4A	CC	TO39
14	2N6073B	400	2.0	100C	15m	2.5	30m	2.0m	110C	2.0	6.0					30	4B	CD	MU47
15	2N6073A	400	2.0	100C	20m	2.5	30m	2.0m	110C	2.0	6.0					30	4B	CD	MU47
16	TAG201-400	400	2.0	105J	10m	2.5	10m	1.5m	105C	1.9	5.0	5.0u	1.0	1.0	20	25	4A	CC	TO39
17	TAG200-400	400	2.0	105J	25m	2.5	25m	1.5m	105C	1.9	5.0	5.0u	1.0	1.0	20	25	4A	CC	TO39
18	SK3506-RT	400	2.5	70C	10m	2.2	15m	750u								25	CC	CC	RD1h
19	TAG204-400	400	2.5	60C	3.0m	1.8	5.0m	1.5m	90C	1.7	5.0	1.8u	10	5.0	5.0	30	49S	CC	TO39
20	TAG204A400	400	2.5	60C	3.0m	1.8	5.0m	1.5m	90C	1.7	5.0	1.8u	10	5.0	5.0	30	49S	CC	TO39
21	T2300D	400	2.5	70C	3.0m	2.2	5.0m	750u	100J	2.2	1.0	1.8u	10	500ms	3.0	25	4A	CC	TO5
22	T2300PD	400	2.5	70C	3.0m	2.2	5.0m	750u	100C	1.8	3.5	2.5u	3.5	2.0	5.0	25	4A	CC	TO126
23	T2310D	400	2.5	70C	3.0m	2.2	5.0m	750u	100J	2.2	1.0	1.8u	10	500ms	3.0	25	4A	CC	RD32d
24	T2320D	400	2.5	70C	3.0m	2.2	3.0m	750u	100J	2.2	1.0	1.8u	10	1.0	10	25	4A	CD	Y202AB
25	T2301D	400	2.5	70C	4.0m	2.2	5.0m	750u	100J	2.2	1.0	1.8u	10	500ms	3.0	25	4A	CC	TO5
26	T2301PD	400	2.5	70C	4.0m	2.2	5.0m	750u	100C	1.8	3.5	2.5u	3.5	2.0	5.0	25	4A	CC	TO126
27	T2311D	400	2.5	70C	4.0m	2.2	5.0m	750u	100J	2.2	1.0	1.8u	10	500ms	3.0	25	4A	CC	RD32d
28	TAG203-400	400	2.5	70C	5.0m	1.8	10m	1.5m	105C	1.7	5.0	1.8u	10	1.0	10	30	4A	CC	TO39
29	TAG203A400	400	2.5	70C	5.0m	1.8	10m	1.5m	105C	1.7	5.0	1.8u	10	1.0	10	30	4A	CC	TO39
30	T2327D	400	2.5	70C	5.0m	2.2	3.0m	750u	100J	2.2	1.0	1.8u	10	1.0	10	25	4A	CD	Y202AB
31	TAG202-400	400	2.5	70C	10m	1.8	10m	1.5m	105C	1.7	5.0	1.8u	10	5.0	5.0	30	4A	CC	TO39
32	TAG202A400	400	2.5	70C	10m	1.8	10m	1.5m	105C	1.7	5.0	1.8u	10	5.0	5.0	30	4A	CC	TO39
33	T2302D	400	2.5	70C	10m	2.2	15m	750u	100J	2.2	1.0	1.8u	10	500ms	6.0	25	4A	CC	RD32
34	T2302PD	400	2.5	70C	10m	2.2	15m	750u	100C	1.8	3.5	2.5u	3.5	2.0	5.0	25	4A	CC	TO126
35	T2312D	400	2.5	70C	10m	2.2	15m	750u	100J	2.2	1.0	1.8u	10	500ms	6.0	25	4A	CC	RD32d
36	T2322D	400	2.5	70C	10m	2.2	3.0m	750u	100J	2.2	1.0	1.8u	10	1.0	10	25	4A	CD	Y202AB
37	T2323D	400	2.5	70C	25m	2.2	3.0m	750u	100J	2.6	1.0	1.8u	10	1.0	10	25	4A	CD	Y202AB
38	T2306D	400	2.5	70C	45m	1.5	35m	750u	100J	2.6	1.0	1.8u	10	500ms	10	25	6A	CC	TO5
39	T2316D	400	2.5	70C	45m	1.5	35m	750u	100J	2.6	1.0	1.8u	10	500ms	10	25	6A	CC	RD32d
40	2N5756	400	2.5	70C	110ms	3.0	82ms	750u	100C	1.8	2.5	5.0	5.0	5.0	50	50	4B	CC	RD1b
41	ESM22-400	400	2.5	75C	20m	2.2	30m	700u	115J	2.2	5.0	5.0	5.0	5.0	50	50	4B	CC	TO39
42	ESM22-400N	400	2.5	75C	40m	2.2	50m	700u	115J	2.2	5.0	5.0	5.0	5.0	50	50	4B	CC	TO39
43	TXC39E40	400	2.5	80C	5.0m	2.0	20m	40m	110J	1.5	3.5	200	20	1.0	5.0	35	4B	CD	MU23
44	TXC39H40	400	2.5	80C	10m	2.0	20m	40m	110J	1.5	3.5	200	20	1.0	5.0	35	4B	CD	MU23
45	TIC201D	400	2.5	85C	25m	2.5	30m	1.0m	100C	1.9	3.5	2.0	2.0	2.0	50	12	4B	CD	MU185
46	TIC304	400	3.0	25m			25m												TO39
47	TLC226A	400	3.0	45L	10m	3.0	15m	750u	100J	1.8	4.0	3.0u	3.0	4.0	20	30	4B	CD	MU166
48	TLC226B	400	3.0	45L	25m	3.0	50m	750u	100J	1.8	4.0	3.0u	3.0	4.0	20	30	4B	CD	MU166
49	SC136D	400	3.0	65C	25m	2.0	50m	500u	110C	1.8	5.0	5.0	5.0	5.0	15	30	4A	CC	TO126
50	SM3G41	400	3.0	66C	33m	2.3	25m	1.0m	110J	1.5	4.5	5.0	5.0	5.0	30	30	4B	CC	MU26
51	TIC206D	400	3.0	70C	5.0m	2.0	30m	1.0m	110C	2.2	4.2	2.0	2.0	2.0	20	20	4B	CD	TO220AB
52	BCR3AM8	400	3.0	71C	30m	2.0	1.0m	110J	1.5	4.5	5.0	5.0	6.0	5.0	30	49S	CD	MU26a	
53	HI43SS	400	3.0	75C	3.0m	2.2	5.0m	750u	100J	2.2	1.0	2.2u	10	5.0	5.0	30	49S	CC	TO5
54	T106D1SS	400	3.0	75C	3.0m	2.2	5.0m	750u	90J	1.3	4.0	5.0	5.0	5.0	30	49S	CD	Y202AA	
55	T106D2SS	400	3.0	75C	3.0m	2.2	5.0m	750u	90J	1.3	4.0	5.0	5.0	5.0	30	49S	CA	MU113	
56	HI43SC	400	3.0	75C	4.0m	2.2	15m	750u	100J	2.2	1.0	6.0	6.0	6.0	30	4A	CC	TO5	
57	T106D2SC	400	3.0	75C	4.0m	2.2	15m	750u	90J	1.3	4.0	6.0	6.0	6.0	30	49S	CA	MU113	
58	HI43SD	400	3.0	75C	5.0m	2.2	15m	750u	100J	2.2	1.0	10	10	10	30	4A	CC	TO5	
59	T106D1SD	400	3.0	75C	5.0m	2.2	15m	750u	100J	1.9	4.0	10	10	10	30	4A	CD	Y202AA	
60	T106D2SD	400	3.0	75C	5.0m	2.2	15m	750u	100J	1.9	4.0	10	10	10	30	4A	CA	MU113	
61	HI43SG	400	3.0	75C	10m	2.2	15m	750u	100J	2.2	1.0	10	10	10	30	4A	CC	TO5	
62	T106D1SG	400	3.0	75C	10m	2.2	15m	750u	100J	1.9	4.0	10	10	10	30	4A	CD	Y202AA	
63	T106D2SG	400	3.0	75C	10m	2.2	15m	750u	100J	1.9	4.0	10	10	10	30	4A	CA	MU113	
64	HI43SH	400	3.0	75	25m	2.2	15m	750u	100J	2.2	1.0	10	10	10	30	4A	CC	TO5	
65	T106D1SH	400	3.0	75C	25m	2.2	15m	750u	100J	1.9	4.0	10							