

# 4. TRIODES, POWER, BI-DIRECTIONAL TRIACS

IN ORDER OF (1)MAX.REP.IT.FOFF-STATE VOLTAGE (2)MAX.RMS CUR(3)@TEMP(4)IGT(5)VGT(6)TYPE NO

LINE No.	TYPE No.	MAX. REP OFF-STATE VOLTAGE (V)	MAXIMUM RMS CURRENT (A)		MAXIMUM GATE FIRING (A)		MAX HOLD CUR. (A)	MAX.OFF-ST. CURRENT (A)	MAX ON-STATE VOLTAGE (V)		TYPICAL SWITCHING TIME (t)		WORST-CASE dv/dt (V/us)	SURGE CURRENT (A)	OPER. TEMP RANGE (°C)	LEAD CODE	DRAWING No.			
			3 @ T (°C)	4 IGT (V)	5 VGT (V)	ID (A)			VDRM (V)	@IT (A)	IGT (t)	@IT (A)								
1	Q4001L3	400	1.6	80C	10m	2.5	15m	2.0m	100C	1.6	1.6	3.0u	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	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	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	1.0	25	10	4B	CD	MU29a		
5	Q4001L4	400	1.6	80C	25m	2.5	25m	2.0m	100C	1.6	1.6	4.0u	1.0	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	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	1.0	10	10	4A	CD	Y202		
8	L4001F72	400	1.6	100C	1.0m	2.0	1.5m	500u	100C	1.6	1.6	3.0u	1.0	20	10	4A	CD	Y202		
9	L4001F92	400	1.6	100C	25m	2.0	25m	500u	100C	1.6	1.6	4.0u	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	1.0	500m	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				100			25	4A	CC	RD1h		
19	TAG204-400	400	2.5	60C	3.0m	1.8	5.0m	1.5m	90C	1.7	5.0				5.0	5.0	30	49	CC	TO39
20	TAG204A400	400	2.5	60C	3.0m	1.8	5.0m	1.5m	90C	1.7	5.0				5.0	5.0	30	49	CC	TO39
21	T2300D	400	2.5	70C	3.0m	2.2	5.0m	750u	100J	2.2	1.0	1.8u	10	500m	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	500m	3.0	25	4A	CC	RD32	
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	500m	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	500m	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				10	5.0	30	4A	CC	TO39
29	TAG203A400	400	2.5	70C	5.0m	1.8	10m	1.5m	105C	1.7	5.0				10	5.0	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				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				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	500m	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	500m	6.0	25	4A	CC	RD32	
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	500m	10	25	6A	CC	TO5	
39	T2316D	400	2.5	70C	45m	1.5	35m	750u	100J	2.6	1.0	1.8u	10	500m	10	25	6A	CC	RD32d	
40	2N5756	400	2.5	70C	110m	3.0	82m	750u	100C	1.8	2.5				10	25	6A	CC	RD1b	
41	ESM22-400	400	2.5	75C	20m	2.2	30m	700u	115J	2.2	5.0				5.0	5.0	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	50	4B	CC	TO39
43	TXC39E40	400	2.5	80C	5.0m	2.0	20m	40m	110J	1.5	3.5	200		1.0	5.0	35	4B	CD	MU23	
44	TXC39H40	400	2.5	80C	10m	2.0	20m	40m	110J	1.5	3.5	20		1.0	5.0	35	4B	CD	MU23	
45	TC201D	400	2.5	85C	25m	2.5	30m	1.0m	100C	1.9	3.5			2.0	5.0	12	4B	CD	MU185	
46	TC304	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	15	30	4A	CC	TO126	
50	SM3G41	400	3.0	66C	33m	2.3	25m	1.0m	110J	1.5	4.5			5.0	30	30	4B	CD	MU26	
51	TIC206D	400	3.0	70C	5.0m	2.0	30m	1.0m	110C	2.2	4.2			2.0	20	20	4B	CD	TO220AB	
52	BCR3AM8	400	3.0	71C	30m	2.0	1.0m	1.0m	110J	1.5	4.5			6.0		30	4B	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	30	49	CC	TO5		
54	T106D1SS	400	3.0	75C	3.0m	2.2	5.0m	750u	90J	1.3	4.0			5.0	30	49	CC	Y202AA		
55	T106D2SS	400	3.0	75C	3.0m	2.2	5.0m	750u	90J	1.3	4.0			5.0	30	49	CA	MU113		
56	HI43SC	400	3.0	75C	4.0m	2.2	15m	750u	100J	2.2	1.0			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	30	49	CA	MU113		
58	HI43SD	400	3.0	75C	5.0m	2.2	15m	750u	100J	2.2	1.0				10	30	4A	CC	TO5	
59	T106D1SD	400	3.0	75C	5.0m	2.2	15m	750u	100J	1.9	4.0				10	30	4A	CD	Y202AA	
60	T106D2SD	400	3.0	75C	5.0m	2.2	15m	750u	100J	1.9	4.0				10	30	4A	CA	MU113	
61	HI43SG	400	3.0	75C	10m	2.2	15m	750u	100J	2.2	1.0				10	30	4A	CC	TO5	
62	T106D1SG	400	3.0	75C	10m	2.2	15m	750u	100J	1.9	4.0				10	30	4A	CD	Y202AA	
63	T106D2SG	400	3.0	75C	10m	2.2	15m	750u	100J	1.9	4.0				10	30	4A	CA	MU113	
64	HI43SH	400	3.0	75	25m	2.2	15m	750u	100J	2.2	1.0				10	30	4A	CC	TO5	
65	T106D1SH	400	3.0	75C	25m	2.2	15m	750u	100J	1.9	4.0				10	30	4A	CD	Y202AA	
66	T106D2SH	400	3.0	75C	25m	2.2	15m	750u	100J	1.9	4.0				10	30	4A	CA	MU113	
67	AC03DGML	400	3.0	77C	15m	2.0	5.0m	1.0m	110J	1.8	5.0			4	200	30	4C	CD	Y202a	
68	AC03DGMR	400	3.0	77C	15m	2.0	5.0m	1.0m	110J	1.8	5.0			4	200	30	4C	CD	Y202AA	
69	DTA3E	400	3.0	77C	15m	2.0	5.0m	1.0m	110J	1.8	5.0				30	3A	CD	MU114		
70	TXC02A40	400	3.0	78	50m	3.0	80m	2.0m	120J	2.0	1.0			2.0	50	45	2C	CA	MU23	
71	Q4003LT	400	3.0	80C			30m	2.0m	100C	1.6	3.0	4.0u	3.0	2.0	25	30	4B	CD	TO220AB	
72	L4003M3	400	3.0	80C	3.0m	2.0	5.0m	500u	100C	1.6	3.0	3.0u	3.0	1.0	10	30	4B	CC	RD1q	
73	L4003M5	400	3.0	80C	5.0m	2.0	10m	500u	100C	1.6	3.0	3.0u	3.0	1.0	10	30	4B	CC	RD1q	
74	L4003M7	400	3.0	80C	10m	2.0	15m	500u	100C	1.6	3.0	3.0u	3.0	1.0	20	30	4B	CC	RD1q	
75	Q4003L3	400	3.0	80C	10m	2.5	20m	2.0m	100C	1.6	3.0	3.0u	3.0	2.0	20	30	4B	CD	TO220AB	
76	NAS0304W4	400																		