

# 4. TRIODES POWER BI-DIRECTIONAL TRIACS

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

LINE No.	TYPE No.	1 MAX. REP OFF-STATE VOLTAGE		2 MAXIMUM RMS CURRENT		3 MAXIMUM GATE FIRING CHAR: 1ST QD		MAX HOLD CUR. (A)	MAX. OFF-ST. CURRENT (A)	MAX ON-STATE VOLTAGE (V)	TYPICAL SWITCHING TIME		WORST-CASE dv/dt		SURGE CUR- RENT I TSM (A)	OPER TEMP RANGE CODE	LEAD CODE	DRAWING No.	
		(V)	(VDRM)	(A)	(A)	(A)	(A)				(A)	(A)	(A)	(A)					(A)
1#	TW25N700CT	700	40	40C	150m	3.0	150m	8.0m	125J	2.0	80	3.0u	4.0	25	200	4C5	CB	SC122	
2#	BT40-700	700	40	60C	50m	2.5	80m	4.0m	110J	1.6	80	2.5u	60	5.0	150	4C5	RD91	RD91	
3#	BT840-700	700	40	60C	50m	2.5	80m	4.0m	110J	1.6	60	2.5u	60	5.0	150	4C5	20	RD91	
4#	BT840-700A	700	40	60C	100m	3.0	100m	4.0m	110J	1.6	60	2.5u	60	5.0	150	4C5	CAV	RD91	
5#	BT40-700A	700	40	60C	100m	2.5	100m	4.0m	110	1.6	60	2.5u	60	5.0	150	4C5	RD91	RD91	
6#	TOAL3840	700	40	65C	100m	3.0	60m	4.0m	100J	2.0	60	3.0u	40	5.0	100	4B5	CD	RD91	
7#	MAC50-9	700	40	70C	70m	2.0	75m	2.0m	125C	1.7	56	1.5u	56	5.0	75	300	OC5	RD91a	
8#	MAC50A-9	700	40	70C	100m	2.5	75m	2.0m	125C	1.7	56	1.5u	56	5.0	75	300	OC5	CB	
9#	TXC38G80	800	1.0	45A	10m	2.0	20m	400u	115J	1.2	1.4	20	56	5.0	20	35	2B5	CD	MU23
10#	TXC39G80	800	2.5	80C	10m	2.0	20m	40m	110J	1.5	3.5	20	56	1.0	50	35	4A5	CD	MU23
11#	TIC201N	800	2.5	85C	25m	2.5	30m	1.0m	100C	1.9	3.5	20	56	2.0	50	12	4B5	CD	MU185
12#	TIC206S	800	3.0	70C	5.0m	2.0	30m	1.0m	110C	2.2	4.2	20	56	2.0	40	4C5	CD	MU55	
13#	Q8004L4	800	4.0	25C	25m	2.5	30m	4.0m	100C	1.6	2.2	3.0u	200m	2.0	30	40	4B5	CD	Y202AB
14#	TR0135N	800	4.0	70C	25m	2.5	25m	1.5	105J	2.4	10	5.0	10	5.0	50	40	4A5	CD	TO220AB
15#	TXC10K80	800	4.0	90C	50m	2.0	50m	400u	115J	3.5	12	20	56	5.0	20	40	4B5	CD	Y220b
16#	BT136-800E	800	4.0	102A	10m	1.5	15m	0.5m	120J	1.7	5.0	10	50	10	50	25	XC5	CD	Y220b
17#	BT136-800F	800	4.0	102A	25m	1.5	15m	0.5m	120J	1.7	5.0	10	50	10	50	25	XC5	CD	Y220b
18#	BT136-800	800	4.0	102A	35m	1.5	15m	0.5m	120J	1.7	5.0	10	50	10	50	25	XC5	CD	Y220b
19#	BT136-800G	800	4.0	102A	50m	1.5	30m	0.5m	120J	1.7	5.0	10	100	10	25	XC5	CD	Y220b	
20#	TBL805	800	5.0	75C	80m	3.0	25m	2.0m	110C	1.9	10	1.0u	5.0	60	60	5B5	CC5	TO39	
21#	TBL805A	800	5.0	75C	80m	3.0	25m	2.0m	110C	1.9	10	1.0u	5.0	60	60	5B5	CC5	TO39	
22#	TAG233-800	800	5.0	80C	5.0m	2.5	10m	1.5m	105J	1.5	5.0	5.0	5.0	2.0	50	40	4A	CC5	Y220
23#	TAG232-800	800	5.0	80C	10m	2.5	25m	1.5m	150J	1.5	5.0	5.0	5.0	2.0	50	40	4A	CC5	Y220
24#	B55-08em1	800	5.0	80C	25m	2.5	50m	1.5m	105J	1.4	5.0	5.0	5.0	2.0	50	40	XA5	CF	Y220
25#	TAG230-800	800	5.0	80C	25m	2.5	50m	1.5	105J	1.5	5.0	5.0	5.0	4.0	200	40	4A	CC5	Y220
26#	TAG231-800	800	5.0	80C	25m	2.5	50m	1.5m	105J	1.5	5.0	5.0	5.0	4.0	100	40	4A	CC5	Y220
27#	TIC216N	800	6.0	70C	5.0m	2.2	30m	2.0m	110C	1.7	8.4	10	50	5	70	4B	CD	TO66	
28#	TAG222-800	800	6.0	70C	5.0m	2.5	10m	1.0m	105J	1.8	8.5	10	10	2.0	10	60	4A5	CD	TO220AB
29#	TAG221-800	800	6.0	70C	10m	2.5	10m	1.0m	105J	1.8	8.5	10	10	2.0	10	60	4A5	CD	TO220AB
30#	TAG220-800	800	6.0	70C	25m	2.5	25m	1.0m	105J	1.8	8.5	10	10	2.0	200	60	4A5	CD	TO220AB
31#	TAG261-800	800	6.0	70C	25m	2.5	25m	1.5m	105J	2.3	15	5.0u	5.0	2.0	200	80	4A5	CA5	TO66
32#	TAG260-800	800	6.0	70C	50m	2.5	50m	1.5m	105J	2.3	15	5.0u	5.0	5.0	500	80	4A5	CA5	TO66
33#	TAG306-800	800	6.0	70C	50m	2.5	50m	1.5m	105C	2.3	15	5.0u	5.0	1.0	20	45	4A5	CA5	TO66
34#	TR0140N	800	6.0	70C	50m	2.5	50m	1.5m	105J	1.8	10	5.0	10	5.0	50	70	4A5	CD	TO220AB
35#	TR0141N	800	6.0	70C	50m	2.5	50m	1.5m	105J	1.8	10	5.0	10	5.0	200	65	4A5	CD	TO220AB
36#	TR0241N	800	6.0	70C	50m	2.5	50m	1.5m	105J	1.8	10	5.0	10	5.0	50	60	4A5	CD	TO66
37#	B57-08fm1	800	6.0	75C	25m	2.5	25m	1.5m	105J	1.8	8.5	10	10	1.0	100	60	XA5	CF	Y220
38#	TAG307-800	800	6.0	75C	50m	2.5	25m	1.5m	105C	2.3	15	5.0u	5.0	1.0	20	45	4A5	CA5	TO48
39#	TBA806	800	6.0	75C	80m	3.0	25m	2.0m	110C	1.9	10	1.0u	6.0	1.0	60	60	5B5	CA5	TO66
40#	TBA806A	800	6.0	75C	80m	3.0	25m	2.0m	110C	1.9	10	1.0u	6.0	1.0	60	60	5B5	CA5	TO66
41#	B54-08fm5	800	6.5	61C	25m	2.5	25m	1.5m	105J	2.0	15	5.0	5.0	1.0	100	60	XA5	CF	Y220
42#	TAG421-800	800	6.5	61C	25m	2.5	25m	1.5m	105J	2.0	15	5.0	5.0	2.0	200	45	4A	CC	Y220
43#	TAG420-800	800	6.5	61C	50m	2.5	50m	1.5m	105J	2.0	15	5.0	5.0	5.0	500	45	4A	CC	Y220
44#	TAG241-800	800	6.5	105J	25m	2.5	25m	1.5m	105C	2.0	15	5.0u	5.0	1.0	20	45	4A5	CD	TO220AB
45#	TAG240-800	800	6.5	105J	50m	2.5	50m	1.5m	105C	2.0	15	5.0u	5.0	1.0	20	45	4A5	CD	TO220AB
46#	TW7N800FZ	800	7.0	85C	50m	2.0	50m	0.4m	125J	2.3	18	5.0	5.0	5.0	20	60	4A5	CD	Y220ab
47#	B55-08fm5	800	8.0	57C	25m	2.5	25m	1.5m	105J	1.5	15	1.0	100	1.0	100	70	XA5	CF	Y220
48#	TAG425-800	800	8.0	57C	50m	2.5	50m	1.5m	105J	1.6	15	5.0	5.0	5.0	500	55	4A	CC	Y220
49#	TAG227-800	800	8.0	70C	5.0m	2.5	10m	1.5m	105J	1.8	12	5.0	5.0	5.0	10	80	4A5	CD	TO220AB
50#	TAG226-800	800	8.0	70C	10m	2.5	10m	1.5m	105J	1.8	12	5.0	5.0	5.0	10	80	4A5	CD	TO220AB
51#	TIC225N	800	8.0	70C	15m	3.0	30m	2.0m	110C	2.1	12	5.0	5.0	5.0	500	70	4B5	CD	MU185
52#	TAG225-800	800	8.0	70C	25m	2.5	25m	1.5m	105J	1.8	12	2.0	200	2.0	200	80	4A5	CD	TO220AB
53#	TAG224-800	800	8.0	70C	50m	2.5	50m	1.5m	105J	1.8	12	5.0	500	5.0	500	80	4A5	CD	TO220AB
54#	TR142N	800	8.0	70C	50m	2.5	50m	1.5m	105J	1.5	10	5.0	500	5.0	500	70	4A5	CD	TO220AB
55#	B59-08fm5	800	8.0	75C	25m	2.5	20m	1.5m	105J	1.5	15	2.0	100	2.0	100	100	XA5	CF	Y220
56#	TXDV808	800	8.0	75C	50m	2.0	30m	2.0m	110J	1.8	11	2.5u	50	50	200	90	4B5	CD	TO220AB
57#	B59-08hr1	800	8.0	75C	50m	2.5	50m	1.5m	105J	1.8	12	5.0	500	5.0	500	80	XA5	CF	Y220
58#	USC1420-8	800	8.0	80C	50m	2.0	30m	2.0m	100C	1.6	12	3.0	50	3.0	50	100	4B5	CD	Y220b
59#	USC1470-8	800	8.0	80C	50m	2.0	30m	2.0m	100C	1.6	12	3.0	50	3.0	110	4B5	CD	Y220b	
60#	2N6345	800	8.0	80C	125m	3.0	75m	2.0m	100C	1.5	32	2.0u	32	3.0	100	100	4A5	CD	TO220AB
61#	2N6349	800	8.0	80C	125m	3.0	75m	2.0m	100C	1.5	32	2.0u	32	3.0	100	100	4A5	CD	TO220AB
62#	TIC226N	800	8.0	85C	50m	2.5	60m	2.0m	110C	2.1	12	5.0	500	5.0	70	4B5	CD	Y220b	
63#	BT137-800E	800	8.0	97A	10m	1.5	20m	0.5m	120J	1.6	10	10	50	10	55	XC5	CD	Y220b	
64#	BT137-800F	800	8.0	97A	25m	1.5													