

### 3. TRIODES POWER REVERSE-BLOCKING-SCRs

IN ORDER OF (1) MAX. REPETIT. OFF-ST. VOLT (2) MAX. STATIC ON-ST. CUR (3) @T (4) IGT (5) VGT (6) TYPE No.

LINE No.	TYPE No.	1 MAX. REP OFF-STATE VOLTAGE		2 MAX. STATIC ON-STATE CURRENT		MAXIMUM GATE FIRING CHARACTER.		MAX. HOLD. CUR. I <sub>H</sub> (A)	MAX. OFF-ST. CURRENT I <sub>R</sub> @ V <sub>DRM</sub> OR I <sub>D</sub> @ V <sub>DM</sub> (A)	MAXIMUM ON-STATE VOLTAGE		TYPICAL SWITCHING TIME		WORST CASE dv/dt (V/us)	SURGE CURRENT I <sub>SM</sub> (A)	OPER. TEMP. RANGE CODE	LEAD CODE	DRAWING No.
		V <sub>DRM</sub> (V)	I <sub>RM</sub> (A)	I <sub>SM</sub> (A)	T <sub>3@T</sub> (°C)	4 IGT (A)	5 VGT (V)			V <sub>TM</sub> (V)	V <sub>TM</sub> (A)	t <sub>gt</sub> (s)	@IT (A)					
1	T760083004BY	800	470 Δ	125J	150m	3.0	30m	125J	3.3	3.0k	7.0u	100	150u	300	8.4k	4C	BX	SC171
2#	SF300L13	800	470 Δ	125J	260m	3.5	300m	20m	125J	1.6	1.0k	100 *	600	200 Δ	6.0kΔ	4C	BP	SC183c
3#	SH300L13A	800	470 Δ	125J	260m	3.5	300m	30m	125J	1.8	1.0k	200 *	600	200 Δ	6.0kΔ	4C	BP	SC183c
4	T625083004DN	800	470 Δ	150J	150m	3.0	50m	150J	2.0	625 ↑	3.0u	100	150u	300	3.6k	4F	BC	MU170
5	T7070830B4BY	800	475 Δ	125J	150m	3.0	30m	125J	2.6	3.0k ↑	3.0u	1.0k	25u	300	8.0k	4C	BX	SC170
6	T707083024BY	800	475 Δ	125J	150m	3.0	30m	125J	2.6	3.0k ↑	3.0u	1.0k	60u	300	8.0k	4C	BX	SC170
7	T707083034BY	800	475 Δ	125J	150m	3.0	30m	125J	2.6	3.0k ↑	3.0u	1.0k	50u	300	8.0k	4C	BX	SC170
8	T707083044BY	800	475 Δ	125J	150m	3.0	30m	125J	2.6	3.0k ↑	3.0u	1.0k	40u	300	8.0k	4C	BX	SC170
9	T707083054BY	800	475 Δ	125J	150m	3.0	30m	125J	2.6	3.0k ↑	3.0u	1.0k	30u	300	8.0k	4C	BX	SC170
10	T707083064BY	800	475 Δ	125J	150m	3.0	15m ↑	125J	1.4	625	4.5u	100	20u	200	8.0k	4C	BX	SC54a
11	T707083074BY	800	475 Δ	125J	150m	3.0	15m ↑	125J	1.4	625	4.5u	100	15u	200	8.0k	4C	BX	SC54a
12	T707083084BY	800	475 Δ	125J	150m	3.0	30m	125J	2.6	3.0k ↑	3.0u	1.0k	10u	300	8.0k	4C	BX	SC170
13#	T408F800TSC	800	477 §	76C	250m	2.0	250m	50m	125J	2.2	1.4k	1.2u#	18u	400	7.2k	4C	BB	MU189a
14	C390NX555	800	480 §	80C	200m	5.0 §	500m	20m	25J	2.4	3.0	2.0u#	90u	200	8.0k	4F	AD	MU89
15#	TNS04808D13	800	480 Δ	80C	150m	3.0	100m	25m	125J	1.6	600 ↑	2.0u	50	100u	5.0k	4C	BC	MU86
16#	DCR8875M0909	800	487 Δ	65C	350m	3.5	150m	50m	125C	2.0	1.2k	800 #	25u	500 Δ	8.5k	XD	AB	MU65a
17	PSIG300-8	800	490 Δ	42C	150m	3.0	200m	35m	125J	2.6	500 ↑	15u#	500	100	4.0k	4C	AB	MU123b
18	NLF387N	800	490 Δ	65C	150m	3.0				4.2	3.0k	800 #	40u	200	5.5k	4C	AB	MU49b
19	NLF388N	800	490 Δ	65C	150m	3.0				4.2	3.0k	800 #	30u	200	5.5k	4C	AB	MU49b
20#	EC388N	800	500	65C	150m	3.0 §	500m	45m	125J	2.3	1.5k	800 #	30	300 Δ	5.5k	4C	BC	MU170
21#	EC387N	800	500	65C	150m	3.0 §	500m	45m	125J	2.8	1.0k	800 #	40	300 Δ	5.5k	4C	BC	MU170
22#	EC380NX500	800	500	70	150m	3.0	500m	20m	125J	1.4	1.0k	1.0u	200u	200	5.5k	4C	BC	MU170
23	C380NX500	800	500	73C	200m	3.0	200m	20m	125C	1.7	1.5k		200u	200	5.5k	4C	BC	MU31a
24#	FT500AL16	800	500	77C	250m	2.5	30m	30m	125J	1.7	1.5k		200	200	10k	4C	BC	MU14
25#	FT500DL16	800	500 §	77C	250m	2.5	30m	30m	125J	1.7	1.5k		200	200	10k	4C	BC	MU237
26	T7S70850B4DN	800	500	125J	150m	3.0	30m	125J	2.9	3.0k	3.0u	1.0k	25u	300	8.0k	4C	BC	MU202
27	T7S7085024DN	800	500	125J	150m	3.0	30m	125J	2.9	3.0k	3.0u	1.0k	60u	300	8.0k	4C	BC	MU202
28	T7S7085034DN	800	500	125J	150m	3.0	30m	125J	2.9	3.0k	3.0u	1.0k	50u	300	8.0k	4C	BC	MU202
29	T7S7085044DN	800	500	125J	150m	3.0	30m	125J	2.9	3.0k	3.0u	1.0k	40u	300	8.0k	4C	BC	MU202
30	T7S7085054DN	800	500	125J	150m	3.0	30m	125J	2.9	3.0k	3.0u	1.0k	30u	300	8.0k	4C	BC	MU202
31	T7SH085064DN	800	500	125J	150m	3.0	35m	125J	2.4	3.0k	3.0u	1.0k	20u	300	8.5k	4C	BC	MU202
32	T7SH085074DN	800	500	125J	150m	3.0	35m	125J	2.4	3.0k	3.0u	1.0k	15u	300	8.5k	4C	BC	MU202
33	T7SH085084DN	800	500	125J	150m	3.0	35m	125J	2.4	3.0k	3.0u	1.0k	10u	300	8.5k	4C	BC	MU202
34	T7SH085094DN	800	500	125J	150m	3.0	35m	125J	2.4	3.0k	3.0u	1.0k	20u	300	8.5k	4C	BC	MU202
35	T7070833B4BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	25u	300	8.0k	4C	BX	SC170
36	T707083344BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	50u	300	8.0k	4C	BX	SC170
37	T707083344BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	40u	300	8.0k	4C	BX	SC170
38	T707083354BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	30u	300	8.0k	4C	BX	SC170
39	T707083364BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	20u	300	8.0k	4C	BX	SC170
40	T707083374BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	15u	300	8.0k	4C	BX	SC170
41	T707083384BY	800	500 Δ	125J	150m	3.0	30m	125J	2.3	3.0k ↑	3.0u	1.0k	10u	300	8.0k	4C	BX	SC170
42#	T508N800TOB	800	508 §	85C	200m	2.0	300m	50m	125J	1.6	1.6k	4.0u#	250u	50	8.0k	4C	BB	MU189a
43#	T508N800TOC	800	508 §	85C	200m	2.0	300m	50m	125J	1.6	1.6k	4.0u#	250u	400	8.0k	4C	BB	MU189a
44#	T508N800TOF	800	508 §	85C	200m	2.0	300m	50m	125J	1.6	1.6k	4.0u#	250u	1.0k	8.0k	4C	BB	MU189a
45#	80TB8-CE00	800	510		300m		400mΔ	40m		1.7	1.1k		20	20	6.7k	4F%	BB	RD46
46#	80TB8-CH00	800	510		300m		400mΔ	40m		1.7	1.1k		20	20	6.7k	4F%	BB	RD46
47#	80TB8-EE00	800	510		300m		400mΔ	40m		1.7	1.1k		50	50	6.7k	4F%	BB	RD46
48#	80TB8-EH00	800	510		300m		400mΔ	40m		1.7	1.1k		50	50	6.7k	4F%	BB	RD46
49#	ATF860P08B1	800	510	55H	350m	3.5	45m	50m	125J	2.4	1.0k	400m#	15u	500	7.5k	C5	AB	MU198
50#	ATF860S08B	800	510	55H	350m	3.5	45m	50m	125J	2.4	1.0k	400m#	15u	500	7.5k	C5	AB	MU198
51#	CR8075SW0909	800	535 Δ	85C	150m	3.5	80m	50m	125C	2.0	1.6k	100 #	185u	300	9.0k	5C%	BX	RD86
52#	ATF800P08P1	800	540	55H	350m	3.5	50m	75m	125J	2.4	1.2k	400m#	40u	500	8.0k	C5	AB	MU196
53#	ATF800S08P	800	540	55H	350m	3.5	50m	75m	125J	2.4	1.2k	400m#	40u	500	8.0k	C5	AB	MU196
54#	BSP34531	800	550 Δ		250mΔ	2.5 Δ	2.0 Δ	45m	125J		1.6u#	35	30u	200	10k	4C	BC	SC205
55#	BSP3453K	800	550 Δ		250mΔ	2.5 Δ	2.0 Δ	45m	125J		1.6u#	35	25u	200	10k	4C	BC	SC205
56#	BSP54531	800	550 Δ		250mΔ	2.5 Δ	2.0 Δ	45m	125J		1.6u#	35	30u	200	10k	4C	BC	SC206
57#	BSP54531S9	800	550 Δ		250mΔ	2.5 Δ	2.0 Δ	45m	125J		1.6u#	35	30u	500	10k	4C	BC	SC206
58#	BSP5453K	800	550 Δ		250mΔ	2.5 Δ	2.0 Δ	45m	125J		1.6u#	35	25u	200	10k	4C	BC	SC206
59#	81TB8-CE00	800	550		300m		400mΔ	40m		1.6	1.1k		20	20	7.5k	4F%	BB	RD46
60#	81TB8-CH00	800	550		300m		400mΔ	40m		1.6	1.1k		20	20	7.5k	4F%	BB	RD46
61#	81TB8-LE00	800	550		300m		400mΔ	40m		1.6	1.1k		300	300	7.5k	4F%	BB	RD46
62#	81TB8-LH00	800	550		300m		400mΔ	40m		1.6	1.1k		300	300	7.5k	4F%	BB	RD46
63#	81TB8-NE00	800	550		300m		400mΔ	40m		1.6	1.1k		400	400	7.5k	4F%	BB	RD46
64	NLC501N	800	550	25	150m	6.5 §	250m		1.5	1.0k		200u	100	7.0k	4C	BC	MU37	
65																		