

# 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		3 MAXIMUM GATE FIRING CHARACTER.		MAX.HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T (A) [C]		MAXIMUM ON-STATE VOLTAGE VT @IT (V) (A)		TYPICAL SWITCHING TIME			WORST CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER TEMP. RANGE °C	LEAD CODE	DRAWING No.
		VDRM (V)	IT (A)	@T (°C)	4 IGT (A)	5 VGT (V)	IGT (A)		IT (A)	tgt (s)	@IT (A)	OFF tq (s)								
1#	CR45U01JY	100	85	96C	150m	3.0	10m	125C	1.8	150	1.9	140	900n#	50	120u#	20	1.0k	5C	AF	T065
2#	36TB1-CE00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				20	760	4F		SC7a
3#	36TB1-CH00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				20	760	4F		SC7a
4#	36TB1-EE00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				50	760	4F		SC7a
5#	36TB1-EH00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				50	760	4F		SC7a
6#	36TB1-GE00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				100	760	4F		SC7a
7#	36TB1-GH00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				100	760	4F		SC7a
8#	36TB1-JH00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				200	760	4F		SC7a
9#	36TB1-LE00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				300	760	4F		SC7a
10#	36TB1-LH00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				300	760	4F		SC7a
11#	36TB1-NE00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				400	760	4F		SC7a
12#	36TB1-NH00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				400	760	4F		SC7a
13#	36TB1-RE00	100	70		150m		200mΔ	15m	1.9	140	1.9	140				500	760	4F		SC7a
14	71RC10A	100	70	62C	70m	2.5	20mφ	15	125J	1.8	70	1.0u#	50	40u	200	1.2k	4C	BX	T094	
15	72RC10A	100	70	62C	70m	2.5	20mφ	15	125J	1.8	70	1.0u#	50	40u	200	1.2k	4C	BX	T083	
16	2N1911	100	70	62C	130m	3.0		6.5mφ	62C	1.8	219					1.0kΔ	4C	BX	T094	
17	C50AX500	100	70	70	150m	3.5	100m	10	125	1.8	500			80u	200	1.5k	4C	BX	T094	
18#	71RIA10	100	70	80C	100m	2.5	200n	20m	125J	1.8	70	900n	5.0	110u	200	1.2k	4C	BX	SC215	
19#	72RIA10	100	70	80C	100m	2.5	200n	20m	125J	1.8	70	900n	5.0	110u	200	1.2k	4C	BX	SC216	
20	2N4361	100	70	82C	250m	5.0	200m	10m	125C	2.0	70				100	1.6k*	4C	BX	T094	
21	2N4371	100	70	82C	250m	5.0	200m	10m	125C	2.0	70				100	1.6k*	4C	BX	T083	
22#	71RC10B	100	70	85C	70m	2.0	20mφ	15	150J	1.9	70	1.0u#	50	40u#	50	1.0kΔ	6F	BX	T094	
23#	72RC10B	100	70	85C	70m	2.0	20mφ	15	150J	1.9	70	1.0u#	50	40u#	200	1.0kΔ	6F	BX	T083	
24#	CR51M01JY1	100	70	85C	75m	3	17mφ	10m	125C	1.6	150	0.7u#	50	90u	200	1.0k*	5C	BX	SC173a	
25#	CR51U01JY1	100	70	85C	75m	3	17mφ	10m	125C	1.6	150	0.7u#	50	90u	200	1.0k*	5C	BX	T094	
26	2N2025	100	70	85C	150m	3.0		6.5m	85C	1.9	219					1.0k*	6C	BX	T094	
27	JAN2N2025	100	70	87C	70m	3.0		40m	150C	1.9	220	15u	70	150u	20	1.0k	4F	BX	T094	
28#	81RL10	100	80	70C	60m	1.6	500m	17m	125J	2.5	80	30u#	1.6k	30u	200	1.6k	4F		T094	
29	82RL10	100	80	70C	60m	1.6	500m	17m	125J	2.5	80	30u#	1.6k	30u	200	1.6k	4F		T083	
30	81RM10	100	80	70C	150m	3.0	500m	17m	125J	2.5	80	50u#	50	20u	200	1.6kΔ	4C	BX	T094	
31	82RM10	100	80	70C	150m	3.0	500m	17m	125J	2.5	80	50u#	50	20u	200	1.6kΔ	4C	BX	T083	
32	36RC10A	100	80	75C	70m	2.5	20mφ	6.5m	125J	2.3	50	1.0u#	50	30u#	500	1.0kΔ	4C	BX	T094	
33	37RC10A	100	80	75C	70m	2.5	20mφ	6.5m	125J	2.3	50	1.0u#	50	30u#	500	1.0kΔ	4C	BX	T083	
34	07901IRA	100	80	75C	100m	3.0	1.0	20m	125J	2.6	500	2.0u	50	10u	1.0k	1.8k	4C	BX	T094	
35	07901IRD	100	80	75C	100m	3.0	1.0	20m	125J	2.6	500	2.0u	50	10u	1.0k	1.8k	4C	BX	T083	
36	07901IUA	100	80	75C	100m	3.0	1.0	20m	125J	2.6	500	2.0u	50	20u	1.0k	1.8k	4C	BX	T094	
37	07901IUD	100	80	75C	100m	3.0	1.0	20m	125J	2.6	500	2.0u	50	20u	1.0k	1.8k	4C	BX	T083	
38#	TKE801	100	80	80C	125m	3.0	50mφ	10m	125J	2.0	150	2.0u	50	80u#	200	1.0k	4C	BX	T094	
39#	51RC10	100	80	84B	70m	2.5	50m	6.5m	125J	2.2	50	4.5u	50	60u	20	700	4C	BX	SC42a	
40	C45A	100	80	84C	75m	3.0	100m	4.0m	125J	3.1	500	5.0u	50	80u	100	800	4C	BX	T083	
41	C46A	100	80	84C	75m	3.0	100m	4.0m	125J	3.1	500	5.0u	50	80u	100	800	4C	BX	T094	
42#	81RK10	100	80	85C	150m	2.5	500m	20m	125J	1.7	80	2.0u#	50	80u	500	1.9k	4C	BX	T094	
43#	81RK10M	100	80	85C	150m	2.5	500m	20m	125J	1.7	80	2.0u#	50	80u	500	1.9k	4C	BX	T083	
44#	50P1SP	100	80	85C	100m	3.5	15m	15m	125J	2.0	150			160u	200	800	4C	BS	SC184	
45	05001GOF	100	80	94C	100m	3.0	200m	5.0m	125J	2.5	500	5.0u	50	100u	200	1.2k	4C	AF	T065	
46	05001OOF	100	80	94C	100m	3.0	200m	5.0m	125J	2.5	500	5.0u	50	100u	200	1.2k	4C	AF	T085	
47	50RCS10	100	80	94C	110m	3.0	200m	6.5mφ	125J	1.8	157	4.5u	10		25	1.2kΔ	4C	AF	T085	
48#	CR46U01JY1	100	80	98C	75m	3	300mΔ	10m	125C	1.3	150	0.7u#	50	50u	200	1.5k*	5C	AF	SC99	
49#	CR46U01JY1	100	80	98C	150m	3	300mΔ	10m	125C	1.3	150	0.7u#	50	50u	200	1.5k*	5C	AF	SC99	
50	C45A#	100	80	120C	75m	3.0	100m	10m	125J	3.0	500			200	1.0k	4C	AA	SC128		
51	C46A#	100	80	120C	75m	3.0	100m	10m	125J	3.0	500			200	1.0k	4C	AA	SC128		
52	T510015005AB	100	80	125J	100m	3.0	10m	10m	125J	2.6	500	4.0u	100	50u	300	1.2k*	4C	AF	T083	
53	T510015005AQ	100	80	125J	100m	3.0	10m	10m	125J	2.6	500	4.0u	100	50u	300	1.2k*	4C	AF	T094	
54	T510015004AA	100	80	125J	150m	3.0	10m	10m	125J	2.6	500	4.0u	100	50u	300	1.2k*	4C	AF	T083	
55	T510015004AQ	100	80	125J	150m	3.0	10m	10m	125J	2.6	500	4.0u	100	50u	300	1.2k*	4C	AF	T083	
56#	37TB1-CH00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			20	930	4F		SC7a	
57#	37TB1-EE00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			50	930	4F		SC7a	
58#	37TB1-EH00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			50	930	4F		SC7a	
59#	37TB1-GE00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			100	930	4F		SC7a	
60#	37TB1-GH00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			100	930	4F		SC7a	
61#	37TB1-JE00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			200	930	4F		SC7a	
62#	37TB1-JH00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			200	930	4F		SC7a	
63#	37TB1-LE00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			300	930	4F		SC7a	
64#	37TB1-LH00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			300	930	4F		SC7a	
65#	37TB1-NE00	100	85		150m		200mΔ	15m	1.9	175	1.9	175			400					