

3. TRIODES, POWER, REVERSE-BLOCKING, SCRS

IN ORDER OF (1) MAX. REPEAT. 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 _H (A)	MAX. OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T (A) (°C)	MAXIMUM ON-STATE VOLTAGE		TYPICAL SWITCHING TIME		WORST-CASE dv/dt (V/us)	SURGE CURRENT I _{SM} (A)	OPER. TEMP. RANGE (°C)	LEAD CODE	DRAWING No.	
		VDRM (V)	IT (A)	3] @T (°C)	4] IGT (A)	5] VGT (V)	V _{CE} (V)			V _{CE} @IT (V)	t _{gt} (s)	@IT (s)	t _q (s)						
1#	PK100C100	1.0k	100 Δ	83C	100m	3.0	50m∅	15m	125J	1.4	314	10u	100	500 Δ	2.0k	3C5		MU258	
2#	DK1010FA	1.0k	100 Δ	83C	150m	3.0	70m∅	15m	125J	2.5	150 ↑	2.0u	50	200 §	1.2k	4C5	AF	T049	
3#	DK1010FX	1.0k	100 Δ	83C	150m	3.0	70m∅	15m	125J	2.5	150 ↑	2.0u	50	100 §	1.2k	4C5	AF	T049	
4#	DK1010FZ	1.0k	100 Δ	83C	150m	3.0	70m∅	15m	125J	2.5	150 ↑	2.0u	50	150 §	1.2k	4C5	AF	T049	
5#	SH100N21D	1.0k	100 §	83K	150m	3.0	200m	15m	125J	1.9	320	200 *	200	200 §	1.2k	4C5	AF	T049	
6#	FT150EM20	1.0k	100 §	88C	250m	2.5		20m	125J	2.8 ↑	480 §			200u∅	2.0kΔ	4C5	BC	MU178	
7#	FT150EX20	1.0k	100 §	88C	250m	2.5		20m	125J	2.8 ↑	480 §			30u∅	2.0kΔ	4C5	BC	MU178	
8#	SC100C100	1.0k	100 §	93C	100m	3.0	50m∅	15m	125J	1.6	314	10u	100	200 §	2.2k	3C5		SC197	
10#	SF100N27	1.0k	100 §	96K	150m	3.0	200m	15m	125J	1.7	320	200 *	200	40u∅	2.0kΔ	4C5	BQ	MU257	
11#	CS70-10i01	1.0k	102 Δ	65C	100m	3.0	120m	15m	125J	1.7	300			130u	2.4k	4CΔ	AF	SC176b	
12#	TN90-10g01	1.0k	104 §	75C	150mΔ	3.0 Δ	150m	20m	125J	3.1	410	2.0u#		200u	1.4k	4C*		SC176d	
13#	TN90-10g04	1.0k	104 §	75C	150mΔ	3.0 Δ	150m	20m	125J	3.1	410	2.0u#		200u	1.4k	4C*		SC176e	
14#	TN90-10g06	1.0k	104 §	75C	150mΔ	3.0 Δ	150m	20m	125J	3.1	410	2.0u#		200u	1.4k	4C*		SC176j	
15#	TN90-10i01	1.0k	104 §	75C	150mΔ	3.0 Δ	150m	20m	125J	3.1	410	2.0u#		200u	1.0k	1.4k	4C*		SC176d
16#	TN90-10i04	1.0k	104 §	75C	150mΔ	3.0 Δ	150m	20m	125C	3.1	410	2.0u#		200u	1.0k	1.4k	4C*		SC176e
17#	TN90-10i06	1.0k	104 §	75C	150mΔ	3.0 Δ	150m	20m	125C	3.1	410	2.0u#		200u	1.0k	1.4k	4C*		SC176j
18#	P200CH10FGO	1.0k	106 §	85	200m	3.0	600m	30m	125J	2.3	600	20 §		30u	2.0k	3C*		Y200b	
19#	P200CH10FHO	1.0k	106 §	85	200m	3.0	600m	30m	125J	2.3	600	20 §		25u	2.0k	3C*		Y200b	
20#	P200CH10FJO	1.0k	106 §	85	200m	3.0	600m	30m	125J	2.3	600	20 §		20u	2.0k	3C*		Y200b	
21#	P200CH10F2KO	1.0k	106 §	85	200m	3.0	600m	30m	125J	2.3	600	20 §		35u	2.0k	3C*		Y200b	
22	C50P	1.0k	110	60C	75m	3.0	100m	10m	125J	2.5 ↑	500	5.0u	50	80u	200 Δ	1.0k	4C5	BX	T094
23	C52P	1.0k	110	60C	75m	3.0	100m	10m	125J	2.5 ↑	500	5.0u	50	80u	200 Δ	1.0k	4C5	BX	T083
24	71RC100A	1.0k	110	62	70m	2.5	20m	6.0	125J	1.8	70	1.0u#	50	40u	500	1.5k	4C5	BX	T083
25	72RC100A	1.0k	110 Δ	62C	70m	2.5	20m	6.0	125J	1.8	70	1.0u#	50	40u	500	1.2k	4C5	AF	T083
26	72RB100	1.0k	110 Δ	65C	150m	2.5	500m	11m	125J	2.5 ↑	70	1.0u#	50	70u	500	1.2kΔ	4C5	AF	T083
27#	BTW33-1000R	1.0k	110 Δ	70C	150m	2.5	200m	25m↑	125J	3.0	200	4.0u∅	200	25u∅	200	1.5k5	5C%	BX	SC42j
28#	BTW33-1000RM	1.0k	110 Δ	70C	150m	2.5	200m	18m	125J	3.0	200	4.0u∅	200	11u∅	200	1.5k5	5C%	BX	SC42j
29#	CR51M10JY	1.0k	110 Δ	70C	150m	3.0	27m	10m	125C	1.6	150 ↑	700m#	50	90u	200	1.0k	XD5	BX	SC173a
30#	CR51U10JY	1.0k	110 Δ	70C	150m	3.0	27m	10m	125C	1.6	150 ↑	700m#	50	90u	200	1.0k	XD5	BX	SC173b
31#	SKT55-10C	1.0k	110 Δ	77C	150m	3.0	80m			1.8	200	125 *		100u§	200 §	1.1k	4D5	BX	T094
32#	71RC100	1.0k	110 Δ	79B	70m	2.5	50m	1.5m	125J	1.9	70	4.5u	50	70u	20	1.0k	4C5	BX	SC42a
33	72RA100	1.0k	110 Δ	80C	150m	2.5	500m	9.0m	125J	1.9	70	1.0u#	50	80u	200	1.6kΔ	4C5	AF	T083
34	C151P	1.0k	110	80C	150m	2.5	500m	8.0m	125J	3.5 ↑	500 ↑	8.0u	50	30u§	200	1.4k	4C5	BX	T094
35	C153P	1.0k	110	80C	150m	2.5	500m	8.0m	125J	3.5 ↑	500 ↑	8.0u	50	30u§	200	1.4k	4C5	AF	T083
36	111RLA100	1.0k	110	80C	150m	3.0	500m	20m	125J	1.6	110	2.0u#	50	80u	200	2.2k	4C5		T094
37	112RLA100	1.0k	110	80C	150m	3.0	500m	20m	125J	1.6	110	2.0u#	50	80u	500	2.2k	4C5		T083
38#	DK1110FA	1.0k	110 Δ	84C	150m	3.0	70m∅	15m	125J	2.3	200 ↑	2.0u	50	20u§	200	1.4k	4C5	AF	T049
39#	DK1110FX	1.0k	110 Δ	84C	150m	3.0	70m∅	15m	125J	2.3	200 ↑	2.0u	50	15u§	200	1.4k	4C5	AF	T049
40#	DK1110FZ	1.0k	110 Δ	84C	150m	3.0	70m∅	15m	125J	2.3	200 ↑	2.0u	50	30u§	200	1.4k	4C5	AF	T049
41#	CR71M10JY	1.0k	110 Δ	85C	150m	3.0	27m	10m	125C	1.7	210 ↑	900m#	50	120u	200	1.5k	XD5	BX	SC173a
42#	CR71U10JY	1.0k	110 Δ	85C	150m	3.0	27m	10m	125C	1.7	210 ↑	900m#	50	120u	200	1.5k	XD5	BX	SC173b
43#	SKT45F10DT	1.0k	110 Δ	85C	150mΔ	5.0 Δ	300m			2.6	200	250 *		20u∅	500	1.1k*	XC5	BX	T094
44#	SKT110F10DV	1.0k	110 Δ	85C	200m	5.0	300m			2.6	200	250 *		30u	500	2.5k	XC5		T093
45	NLF150P	1.0k	110 Δ	90C	150m	2.5	500m	10m	125J	2.6	500	8.0u	50	150u∅	200	1.6k	4C5	BX	T094
46	NLF151P	1.0k	110 Δ	90C	150m	2.5	500m	8.0m	125J	2.6	500	8.0u	50	50u∅	200	1.4kΔ	4C5	BX	T094
47	NLF152P	1.0k	110 Δ	90C	150m	2.5	500m	10m	125J	2.6	500	8.0u	50	150u∅	200	1.6k	4C5	AF	T083
48	NLF153P	1.0k	110 Δ	90C	150m	2.5	500m	8.0m	125J	2.6	500	8.0u	50	50u∅	200	1.4kΔ	4C5	AF	T083
49	NLF158P	1.0k	110 Δ	90C	150m	2.5	500m	8.0m	125J	2.6	500	5.0u	50	40u∅	200	1.4kΔ	4C5	BX	T094
50	NLF159P	1.0k	110 Δ	90C	150m	2.5	500m	8.0m	125J	2.6	500	5.0u	50	40u∅	200	1.4kΔ	4C5	AF	T083
51	C150P	1.0k	110	90C	150m	3.0	500m	20m	125J	2.6 ↑	500	8.0u	50	100u	200 Δ	1.5k	4C5	BX	T094
52	C152P	1.0k	110	90C	150m	3.0	500m	20m	125J	2.6 ↑	500	8.0u	50	100u	200 Δ	1.5k	4C5	AF	T083
53#	N105PH10	1.0k	110 §	90C	150m	3.0	600m	20m	125J	1.5	377			200	2.4k	3C∅		SC210	
54	70C100B	1.0k	110 Δ	125J	150m	3.0	200m	10m	125J	1.8 ↑	220 ↑	5.0u§	50	40u§	100	1.5k	4C*	BX	T094
55	70C100BF	1.0k	110 Δ	125J	150m	3.0	200m	10m	125J	1.8 ↑	220 ↑	5.0u§	50	40u§	100	1.6k	4C*	AF	T083
56	C158P	1.0k	110 Δ	125J	150m	3.0	500m	15m	125C	3.5 ↑	500	2.0u	50	20u§	200	1.6k	4C*	BX	T094
57	C159P	1.0k	110 Δ	125J	150m	3.0	500m	15m	125C	3.5 ↑	500	2.0u	50	20u§	200	1.6k	4C*	AF	SC64
58#	CS38-10gu2	1.0k	110 Δ	125J	150m	3.0	120m	10m	125J	2.1	120	1.5u	100	20u∅	200	800 §	4C*	BX	SC103b
59#	CS38-10gu2	1.0k	110 Δ	125J	150m	3.0	120m	10m	125J	2.1	120	1.5u	100	25u∅	200	800 §	4C*	BX	SC103b
60	T507107084AB	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	25u∅	200	1.2k5	4C5	AF	T083
61	T507107084AQ	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	25u∅	200	1.2k5	4C5	BX	T094
62	T507107034AB	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	50u∅	200	1.2k5	4C5	AF	T083
63	T507107034AQ	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	50u∅	200	1.2k5	4C5	BX	T094
64	T507107044AB	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	40u∅	200	1.2k5	4C5	AF	T083
65	T507107044AQ	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	40u∅	200	1.2k5	4C5	BX	T094
66	T507107054AB	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	30u∅	200	1.2k5	4C5	AF	T083
67	T507107054AQ	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	30u∅	200	1.2k5	4C5	BX	T094
68	T507107064AB	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	20u∅	200	1.2k5	4C5	AF	T083
69	T507107064AQ	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	20u∅	200	1.2k5	4C5	BX	T094
70	T507107074AB	1.0k	110 Δ	125J	150m	3.0	150m	15m	125J	3.5	500 ↑	3.5u	100	15u∅	2				