

3. TRIODES, POWER, REVERSE-BLOCKING: SCRS

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

LINE No.	TYPE No.	1 MAX. REP OFF-STATE VOLTAGE		2 MAX. STATIC ON-CURRENT		3 MAXIMUM GATE FIRING CHARACTER.		MAX. HOLD. CUR. IH (A)	MAX. OFF-ST. CUR. IR@VRRM OR ID@VDRM@T (A)	MAXIMUM ON-STATE VOLTAGE		TYPICAL SWITCHING TIME		WORST-CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE	LEAD CODE	DRAWING No.	
		VDRM (V)	IT (A)	IT (A)	IT (A)	4 IGT (A)	5 VGT (V)			VT (V)	@IT (A)	tgt (s)	@IT (A)						tq (s)
1#	DCR804SM1212	1.1k	1.19k	55C	150m	3.5	80m	50m	125C	1.6	1.6k	350n#	600	180u	300	11k	5C	BC	MU85
2	NLF447PA	1.1k	1.2k		150m	2.5	500m	20m	25J	2.3	2.0k	1.5u#	100	40u	400	10k	4C	AC	MU106
3	NLF448PA	1.1k	1.2k		150m	2.5	500m	20m	25J	2.3	2.0k	1.5u#	100	25u	400	10k	4C	AC	MU106
4	NLF609PA	1.1k	1.2k		150m	2.5	500m	45m	125J	1.8	2.0k	1.5u	100	40u	400	10k	4C	AD	MU106
5#	DCR803SM1212	1.1k	1.2k	55	200m	3.5	80m	50m	125C	1.5	1.6k	800	80	300	500	11k	5C	AD	MU85
6#	EC713PA	1.1k	1.2k	65C	150m	3.0	500m	60m	125J	2.6	3.0k	800	80	40u	500	16k	4C	AD	MU104
7#	BS1P4473IS9	1.1k	1.3k		250m	2.5	2.0	45m	125J			1.8u#	80	30u	500	10k	4C		MU53
8#	BS1P4473KS9	1.1k	1.3k		250m	2.5	2.0	45m	125J			1.8u#	80	25u	500	10k	4C		MU53
9#	BS1P6473I	1.1k	1.3k		250m	2.5	2.0	45m	125J			1.8u#	80	30u	500	10k	4C		MU188
10#	BS1P6473IS9	1.1k	1.3k		250m	2.5	2.0	45m	125J			1.8u#	80	30u	500	10k	4C		MU188
11#	BS1P6473K	1.1k	1.3k		250m	2.5	2.0	45m	125J			1.8u#	80	20u	500	10k	4C		MU188
12	C451PA-2	1.1k	1.3k		150m	5.0	1.0	65m	125	1.9	3.0k	5.0u	100	150u	400	21k	4E	BT	MU174
13#	DCR10075N1212	1.1k	1.31k	55C	150m	3.5	250m	50m	125C	2.0	2.9k	1.3u#	800	350u	300	16k	5C	BC	MU84a
14#	AT1004P111	1.1k	1.38k	55H	150m	3.5	100m	50m	125J	1.6	2.9k	1.1u#	800	400u	300	18k	5C	AB	MU197
15#	AT1004S111	1.1k	1.38k	55H	150m	3.5	100m	50m	125J	1.6	2.9k	1.1u#	800	400u	300	18k	5C	AB	MU197
16	C440PA	1.1k	1.4k	65	150m	5.0	500m	35m	125J	1.6	3.0k	5.0u	100	125u	200	13k	4C	AB	MU49b
17	C451PA-1	1.1k	1.4k	70	150m	5.0	1.0	65m	125	1.7	3.0k	5.0u	100	150u	400	21k	4C	BT	MU174
18	C450PA	1.1k	1.4k	71	150m	5.0	500m	65m	125	1.4	3.0k	5.0u	100	150u	400	28k	4C	BT	MU174
19#	DCR1054SD1212N	1.1k	1.41k	65C	350m	3.5		80m	125C	1.8	1.5k	400n#		35u	500	20k	4C	BC	MU187
20#	DCR1054SD1212P	1.1k	1.41k	65C	350m	3.5		80m	125C	1.8	1.5k	400n#		35u	500	20k	4C	BC	MU187
21	C701PA	1.1k	1.5k	65C	150m	4.5	500m	65m	125J	1.7	3.0k	1.0k	1.0k	250u	200	20k	4C	AD	MU104
22	EC712PA	1.1k	1.5k	65	150m	3.0	500m	60m	125	2.2	3.0k	3.0u	50	50u	500	20k	4C	BD	MU219a
23#	CSF399-11w1	1.1k	1.5k	125J	250m	2.5	500m	40m	125J	2.0	1.5k	200		30u	1.0k	9.2k	XC	BD	MU183
24#	CSF499-11w1	1.1k	1.57k	65C	250m	2.5	500m	50m	125	2.0	2.5k	1.5u#		30u	500	17k	4C	BP	MU139
25#	CSF499-11x1	1.1k	1.57k	65C	300m	4.0	500m	50m	125	2.0	2.5k	1.5u#		40u	500	17k	4C	BP	MU139
26#	NLF701PA	1.1k	1.6k	78C	150m	3.0	500m	50m	125J	1.7	3.0k	4.0u	100	125u	200	18k	4C	BC	MU37a
27#	BS1P6473I	1.1k	1.7k		300m	3.5		100m	125J	1.8	2.4k	1.5u#	110	30u	1.0k	25k	4C		MU188
28#	BS1R6473IS10	1.1k	1.7k		300m	2.5		500m	125J	3.0	5.0k	10u#	500	300u	100	15k	4C	AB	MU23e
29	PS1J1600-11	1.1k	1.82k		300m	3.0		30m	25J	1.9	3.0k	4.0u	100	125u	200	20k	4C	AC	MU227
30	NLF451PA	1.1k	1.9k		150m	4.0	500m	30m	25J	1.9	3.0k	4.0u	100	125u	200	20k	4C	AC	MU227
31#	DCR1004SN1212	1.1k	1.98k	55C	200m	3.5	77m	50m	125C	1.6	2.9k	800n#	800	215u	300	2.1k	5C	BC	MU84a
32	C458PA	1.1k	2.0k	70	150m	5.0	500m	50m	125	2.6	3.0k	1.0u#		25u	400	16k	4C	BT	MU174
33	C450PA1	1.1k	2.0k	70C	200m	5.0	500m	20m	25J	1.4	3.0k	7.0u#	50	150u	400	28k	4C	AD	MU232
34	C450PA2	1.1k	2.0k	70C	200m	5.0	500m	20m	25J	1.6	3.0k	7.0u#	50	150u	400	25k	4C	AD	MU232
35	C457PA	1.1k	2.0k	70	200m	5.0	500m	80m	125	1.9	3.0k	1.0u#		40u	400	18k	4C	BT	MU174
36#	DCR1003SN1212	1.1k	2.08k	55C	200m	3.5	110m	50m	125	1.5	2.9k	800n#	800	215u	300	2.1k	5C	BC	MU84a
37	NLF450PA	1.1k	2.4k		150m	4.0	500m	30m	25J	1.4	3.0k	4.0u	100	125u	200	28k	4C	AC	MU227
38	C436PB	1.2k			150m	5.0		20m	25J	4.2	3.0k	50u#	50	15u	200	5.0k	4F	AD	MU175
39	C477PB	1.2k			250m	5.0		45m	125J	2.2	1.5k	1.0u#		40u	200	7.0k	4C	AD	MU175
40	C478PB	1.2k			250m	5.0		45m	125J	2.6	1.5k	1.0u#		30u	200	7.0k	4C	AD	MU175
41#	74TB12-LE00	1.2k			300m		400m	40m	125	1.7	1.0k			300	50	6.3k	4F		RD46
42#	B5D3680M	1.2k	1.0	45C	10m	2.0	50m	2.5m	115J	1.2	3.0	4.0u#		50u	50	100	4B	AE	MU22
43#	B5D3680N	1.2k	1.0	45C	20m	2.0	80m	2.5m	115J	1.2	3.0	4.0u#		50u	100	100	4B	AE	MU22
44#	B5D3680P	1.2k	1.0	45C	50m	2.0	150m	2.5m	115J	1.2	3.0	4.0u#		50u	200	100	4B	AE	MU22
45	NLC601PB	1.2k	1.2	60C	150m	6.5	250m	35m	125J	2.1	3.0k			100	11k		4E	AD	MU104a
46	SK3296-RT	1.2k	5.0		120m	1.5	300m	500u						90u	1.0k	80		AF	RD92
47#	B5D1680M	1.2k	7.5	85C	10m	2.0	50m	2.5m	115J	2.0	23	4.0u#		50u	50	130	4B	AE	Y220b
48#	B5D1680P	1.2k	7.5	85C	50m	2.0	150m	2.5m	115J	2.0	23	4.0u#		50u	200	130	4B	AE	Y220b
49#	10RIA120	1.2k	8.5	45A	40m	2.0	100m	10m	125J	1.8	10	900n	850m	110u	100	270	6C	AF	TO48
50#	FCR9U12JA	1.2k	9.0	85	100m	3.0k	40m	5.0m	125	3.0	32	1.1u#	9.0	20u	200	150	5C	AD	SC138
51#	FCR9U12JC	1.2k	9.0	85	100m	3.0k	40m	5.0m	125	3.0	32	1.1u#	9.0	12u	200	150	5C	AD	SC138
52#	TR1210	1.2k	10	25A	80m	3.0	50m	5.0m	125J	2.2	30	2.0u	10	50u	50	125	5C	AF	TO48
53#	SC10C120	1.2k	10	104C	40m	3.0	30m	3.0m	125J	1.7	30	10u	10	200	200	30k			RD97
54#	10P12SG	1.2k	11	55C	40m	3.0	50m	4.5m	125J	2.8	50	5.0		120u	100	125	4F	AF	SC41q
55#	B5C0380S6	1.2k	11	85C	30m	2.5	80m	3.0m	125J	2.0	34	150		60u	200	180	4C	AF	SC88
56#	18RIA120	1.2k	11.5	45A	40m	2.0	100m	10m	125J	1.8	16	900n	1.2	110u	100	395	6C	AF	TO48
57#	XT1205-1201	1.2k	12	50C	60m	2.5	15m	5.0m	105C	2.0	20	1.0k*		60u	100	50	5A	AF	TO48
58#	9CR12U12G	1.2k	12	85C	100m	3.0								6.0u	100	160		AF	SC99
59#	FCR12U12JA	1.2k	12	125	150m	3.0	40m	5.0m	125	2.5	32	1.1u#	9.0	20u	200	200	5C		
60#	FCR12U12JC	1.2k	12	125	150m	3.0	40m	5.0m	125	2.5	32	1.1u#	9.0	12u	200	200	5C		
61#	22RIA120	1.2k	13	45A	40m	2.0	100m	10m	125J	1.7	22	900n	1.3	110u	100	460	6C	AF	TO48
62#	CR12M12JY1	1.2k	14	85C	40m	3.0	25m	5.0m	125C	2.0	32	1.1u#	16	80u	200	200	5C	AD	SC121
63#	CR12U12JY1	1.2k	14	85C	40m	3.0	25m	5.0m	125C	2.0	32	1.1u#	16	80u	200				