

3.TRIODES,POWER,REVERSE-BLOCKING:SCRS

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

LINE No.	TYPE No.	1 MAX.REP OFF-STATE VOLTAGE (V)	2 MAX.STATIC ON-STATE CURRENT (A)	MAXIMUM GATE FIRING CHARACTER.		MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T (A)	MAXIMUM ON-STATE VOLTAGE (V)	TYPICAL SWITCHING TIME ON		WORST CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. RANGE CODE	LEAD CODE	DRAWING No.			
				3 @T (°C)	4 IGT (A)				5 VGT (V)	tgt (s)						@IT (A)	OFF (s)	
1#	TNS06612D17	1.2k	660 Δ 81C	200m	3.0	100m∅	30m	125J	2.2	1.5k†	5.5u#	50	125u	200	8.5k	4C	BC	MU171
2#	TR506612D17B	1.2k	660 Δ 81C	200m	3.0	100m∅	30m	125J	2.1	1.5k†	4.5u#	50	40u	200	9.0k	4C	BC	MU171
3#	TR506612D17Y	1.2k	660 Δ 81C	200m	3.0	100m∅	30m	125J	2.1	1.5k†	4.5u#	50	25u	200	9.0	4C	BC	MU171
4#	TR506612D17Z	1.2k	660 Δ 81C	200m	3.0	100m∅	30m	125J	2.1	1.5k†	4.5u#	50	30u	200	9.0	4C	BC	MU171
5#	N195CH12	1.2k	668 25K	150m	3.0	200mΔ	20m	125J	1.7	840			200	4.6k	3C	AB	Y200a	
6#	ATF887P12L†	1.2k	670 55H	350m	3.5	45m∅	75m	125J	2.0	1.2k	400n#		25u#	500	9.0k	C	AB	MU196
7#	ATF887S12L	1.2k	670 55	350m	3.5	45m∅	75m	125J	2.0	1.2k	400n#		25u#	500	9.0k	C	AB	MU196
8#	TIS06712D20G	1.2k	670 82C	200m	3.0	100m∅	50m	125J	2.5	1.5k†	4.5u#	50	100u#	200	8.0k	4C	BC	MU171
9#	ATF854P12NT	1.2k	685 55H	350m	3.5	45m∅	50m	125J	1.6	1.0k†	400n#		35u#	500	8.8k	C	AB	MU198
10#	ATF854S12N	1.2k	685 55H	350m	3.5	45m∅	50m	125J	1.7	1.0k†	400n#		35u#	500	8.8k	C	AB	MU198
11	PSIG500-12	1.2k	690 48C	150m	3.0	200m	35m	125J	1.6	1.0k†	15u#	500	200u	100	6.0k	4C	AB	MU123b
12	C397PB	1.2k	700 Δ 65C	150m	3.0	500m	45m	125J	3.0	3.0k†	2.0u	50	60u	200	7.5k	4C	AB	MU49b
13	C398PB	1.2k	700 Δ 65C	150m	3.0	500m	45m	125J	2.9	3.0k†	2.0u	50	40u	200	7.5k	4C	AB	MU49b
14#	EC437PB	1.2k	700 Δ 65C	150m	3.0	500m	45m	125J	2.3	1.5k	800	+	40u#	300	7.5k	4C	AD	MU106
15#	EC436PB	1.2k	700 Δ 65C	150m	3.0	500m	35m	125J	3.2	1.4k	800	+	30u#	300	6.5k	4C	BC	MU175
16#	EC477PB	1.2k	700 Δ 65C	150m	3.0	500m	35m	125J	2.3	1.5k	800	+	40u#	300	7.5k	4C	BC	MU175
17#	EC4101-1PB	1.2k	700 Δ 65C	150m	3.0	500m	35m	125J	2.5	1.4k	800	+	2.0u#	300	6.5k	4C	BC	MU175
18	C377PB	1.2k	700 Δ 65C	250m	5.0		45m	125J	2.2	1.5k	1.0u#		30u	200	7.5k	4C	AD	MU89
19#	DCR880SM1313	1.2k	700 Δ 65C	350m	3.5	45m∅	50m	125C	2.3	1.2k†		400	40u	500	8.0k	C	AB	MU106
20	NLF397PB	1.2k	700 68	150m	2.5	500m	20m	25J	2.9	3.9k†	4.0u	100	35u	200	7.5k	4C	AD	MU106
21	NLF398PB	1.2k	700 68	150m	2.5	500m	20m	25J	2.9	3.0k†	4.0u	100	20u	200	7.5k	4C	AD	MU106
22	650PBQ120	1.2k	700 70C	75m	1.2	500m	45m	125J	2.5	700	1.0u#	50	20u	400	9.5k	4C	+	Y200c
23	C501PA	1.2k	700 70C	150m	6.5	250m	35m	125J	1.5	1.0k†			200u	100	8.0k	4C	BR	MU20
24	C501PB	1.2k	700 70C	150m	6.5	250m	35m	125J	1.5	1.0k†			200u	100	8.0k	4C	BR	MU20
25#	TF666-12	1.2k	700 Δ 80C	2	3	.08	35m	125	2.1	1.5k†	3u	50	20u	300		4C		
26	T72H1245B4DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	3.1	3.0k†	500n#	1.0k	25u#	300	7.5k	4C	BC	MU171
27	T72H124534DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	3.1	3.0k†	500n#	1.0m	50u#	300	7.5k	4C	BC	MU171
28	T72H124544DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	3.1	3.0k†	500n#	1.0k	40u#	300	7.5k	4C	BC	MU171
29	T72H124554DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	3.1	3.0k†	500n#	1.0k	30u#	300	7.5k	4C	BC	MU171
30	T72H124564DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	2.2	1.5k	500n#	1.0k	20u#	300	7.5k	4C	BC	MU107
31	T72H124574DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	2.2	1.5k	500n#	1.0k	15u#	300	7.5k	4C	BC	MU107
32	T72H124584DN	1.2k	700 Δ 125J	150m	3.0	35m	35m	125J	2.2	1.5k	500n#	1.0k	10u#	300	7.5k	4C	BC	MU107
33	T72H124594DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	25u#	300	8.0k	4C	BC	MU171
34	T720124504DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.7	3.0k†	7.0u	100	150u	300	8.4k	4C	BC	MU171
35	T727124524DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	60u#	300	8.0k	4C	BC	MU171
36	T727124534DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	50u#	300	8.0k	4C	BC	MU171
37	T727124544DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	40u#	300	8.0k	4C	BC	MU171
38	T727124554DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	30u#	300	8.0k	4C	BC	MU171
39	T727124564DN	1.2k	700 Δ 125J	150m	3.0	15m†	125J	1.4	625	4.5u	100	200u	200	8.0k	4C	BC	MU107	
40	T727124574DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	15u#	300	8.0k	4C	BC	MU171
41	T727124584DN	1.2k	700 Δ 125J	150m	3.0	30m	30m	125J	2.6	3.0k†	3.0u	1.0k	10u#	300	8.0k	4C	BC	MU171
42#	BSN4480IS9	1.2k	710 Δ	250mΔ	2.5	2.0 ∅Δ	40m	125J	2.6	3.0k†	1.6u#	45	30u	500	5.2k	4C	BC	MU53a
43#	BSN4480K	1.2k	710 Δ	250mΔ	2.5	2.0 ∅Δ	40m	125J	2.6	3.0k†	1.6u#	45	25u	200	5.2k	4C	BC	MU53a
44#	BSN6480IS9	1.2k	710 Δ	250mΔ	2.5	2.0 ∅Δ	60m	125J	2.6	3.0k†	1.6u#	45	30u	500	5.2k	4C	BC	MU188
45#	BSN6480K	1.2k	710 Δ	250mΔ	2.5	2.0 ∅Δ	60m	125J	2.6	3.0k†	1.6u#	45	25u	200	5.2k	4C	BC	MU188
46#	DCR707SM1313	1.2k	710 55C	150m	3.5	78m∅	50m	125C	2.0	1.0k	2.1u#	400	180u	300	5.8k	5C	BC	MU65
47	470P120	1.2k	710 Δ 65C	150m	3.0	500m	17m	125J	2.1	1.4k†	800	+	60u#	200	8.0kΔ	4C	BC	Y200AC
48	420P120	1.2k	710 Δ 65C	150m	3.0	500m	17m	125J	2.1	1.4k†	800	+	40u#	200	8.0kΔ	4C	BC	Y200AC
49#	CS400-12io2	1.2k	722 Δ 125J	200m	2.5	200m	40m	125J	1.6	1.2k	100	+	150u	200	7.5k	XC	BR	MU45
50#	SKT330-12C	1.2k	750 Δ 55C	150m	3.0	300m	30m	125J	1.6	800	125	+	120u	200	7.0k	4D	BC	MU120
51#	SKT330-12E	1.2k	750 Δ 55C	150m	3.0	300m	30m	125J	1.6	800	125	+	120u	1.0k	7.0k	4D	BC	MU120
52#	EC437PB	1.2k	750 Δ 65C	150m	3.0	500m	35m	125J	2.3	1.4k	800	+	60u#	300	7.5k	4C	BC	MU175
53#	EC438PB	1.2k	750 Δ 65C	150m	3.0	500m	35m	125J	2.3	1.4k	800	+	40u#	300	7.5k	4C	BC	MU175
54#	TF708-12	1.2k	750 Δ 80C	2	3	1	0.6	125	2.8	2k	4u	50	40u	300	8k	4C		
55	T750127504DN	1.2k	750 Δ 125J	150m	3.0	30m	30m	125J	2.7	3.0k	3.0u	1.0k	150u	300	11k	4C	BC	MU202
56#	AT807P12†	1.2k	760 55H	150m	3.5	80m∅	50m	125J	2.0	1.6k†	1.3u#		350u#	300	9.0k	C	AB	MU196
57#	AT807S12	1.2k	760 55H	150m	3.5	80m∅	50m	125J	2.0	1.6k†	1.3u#		350u#	300	9.0k	C	AB	MU196
58#	ATF827P12L†	1.2k	760 55	350m	3.5	45m∅	75m	125J	2.0	1.6k†	600n#		25u#	600	10k	XC	AB	MU196%
59#	ATF827S12L	1.2k	760 55	350m	3.5	45m∅	75m	125J	2.0	1.6k†	600n#		25u#	600	10k	XC	AB	MU196%
60#	TNS07612D17	1.2k	760 Δ 81C	200m	3.0	100m∅	30m	125J	1.7	1.5k†	4.0u#	50	125u	200	9.5k	4C	BC	MU171
61#	DCR705SM1313	1.2k	780 55C	150m	3.5	78m∅	50m	125C	1.7	1.0k	1.9u#	400	180u	300	6.4k	5C	BC	MU65
62	PSIG650-12	1.2k	785 48C	150m	3.0	200m	35m	125J	1.5	1.0k†	15u#	500	200u	100	6.5k	4C	AB	MU123b
63#	500P12H	1.2k	785 Δ 65C</															