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.	[6] TYPE No.	[1] MAX.REP OFF-STATE VOLTAGE VDRM (V)	[2] MAX.STATIC ON-STATE CURRENT IT (A)	[3] @T (°C)	MAXIMUM GATE FIRING CHARACTER. [4] IGT (A)	[5] VGT (V)	MAX. HOLD. CUR. IH (A)	MAX.OFF-ST. CURRENT IR@VRRM OR ID@VDRM (A)	@T (°C)	MAXIMUM ON-STATE VOLTAGE VT (V)	@IT (A)	TYPICAL SWITCHING TIME ON tgt (s)	@IT (A)	OFF tq (s)	WORST-CASE dv/dt (V/us)	SURGE CUR-RENT ITSM (A)	OPER. TEMP. RANGE CODE - +	LEAD CODE	DRAWING No.
1#	CSF547-09iv1	900	1.2kΔ	85C	250m	2.5		60m		2.0	1.0k			25u	1.0k	9.6k§	XC§	†	MU183
2#	CSF547-09iw1	900	1.2kΔ	85C	250m	2.5		60m		2.0	1.0k			30u	1.0k	9.6k§	XC§	†	MU183
3▼#	BStP4460IS9	900	1.3k		250mΔ	2.5 Δ	2.0 ØΔ	45m	125J			1.6u#	80	30u§	500 §	10k	4C§		MU53
4▼#	BStP4460KS9	900	1.3k		250mΔ	2.5 Δ	2.0 ØΔ	45m	125J			1.6u#	80	25u§	500 §	10k	4C§		MU53
5▼#	BStP6460I	900	1.3kΔ		250mΔ	2.5 Δ	2.0 ØΔ	45m	125J			1.6u#	80	30u§	200 §	10k	4C§		MU188
6▼#	BStP6460IS9	900	1.3kΔ		250mΔ	2.5 Δ	20 ØΔ	45m	125J			1.6u#	80	30u§	500 §	10k	4C§		MU188
7▼#	BStP6460K	900	1.3kΔ		250mΔ	2.5 Δ	2.0 ØΔ	45m	125J			1.6u#	80	20u§	200 §	10k	4C§		MU188
8	C451T-2	900	1.3k	70	150m	5.0	1.0	65m	125	1.9	3.0k†	5.0u	100	150u	400	21k	4E	BT	MU174
9#	DCR1007SN1010	900	1.31k	55C	150m	3.5	250m	50m	125C	2.0	2.9k	1.3u#	800	350u	300 §	16k§	5C§	BC	MU84a
10#	AT1004P09†	900	1.38k	55H	150m	3.5	100mØ	50m	125J	1.6	2.9k†	1.1u#		400u⧄	300 §	18k§	C§	AB	MU197
11#	AT1004S09	900	1.38k	55H	150m	3.5	100mØ	50m	125J	1.6	2.9k§	1.1u#		400u⧄	300 §	18k§	C§	AB	MU197
12	PSIH1200-9	900	1.4k	60C	300m	3.0	500m	50m	125J	1.8 †	2.5k†	5.0u#	500	300u§	100	14k	4C§	AB	MU123c
13	C440T	900	1.4k	65	150m	5.0	500m	35m	125J	1.6 †	3.0k†			125u	200 Δ	13k	4C§	AB	MU49b
14▼#	BStR6560S9	900	1.4k§	69C	300m	2.5	250m	60m	125J	2.0	4.2k	1.5u#	140	200u§	500 §	25k	4C§		MU197
15	C451T-1	900	1.4k	70	150m	5.0	1.0	65m	125	1.7	3.0k†	5.0u	100	150u	400	21k	4C§	BT	MU174
16	C450T	900	1.4k	71	150m	5.0	500m	65m	125	1.4	3.0k†	5.0u	100	150u	400	28k	4C§	BT	MU174
17▼#	BStR1560S9	900	1.4k§	73C	300m	2.5	250m	60m	125J	2.0	4.2k	1.5u#	140	200u§	500 §	25k	4C§		MU90
18▼#	BStR1560S10	900	1.4k§	73C	300m	2.5	250m	60m	125J	2.0	4.2k	1.5u#	140	200u§	1.0k§	25k	4C§		MU90
19▼#	DCR1054SD1010N	900	1.41k	65C	350m	3.5		80m	125C	1.8 †	1.5k†	400n#		35u§	500 §	20k§	4C§	BC	MU187
20▼#	DCR1054SD1010P	900	1.41k	65C	350m	3.5		80m	125C	1.8 †	1.5k†	400n#		40u§	500 §	20k§	4C§	BC	MU187
21▼#	DCR1054SD1010R	900	1.41k	65C	350m	3.5		80m	125C	1.8 †	1.5k†	400n#		45u§	500	20k§	4C§	BC	MU187
22▼#	DCR1054SD1010S	900	1.41k	65C	350m	3.5		80m	125C	1.8 †	1.5k†	400n#		50u§	500	20k	4C§	BC	MU187
23	C458T	900	1.5k	70	150m	5.0		60m	125	1.9	2.0k†			35u	400	22k	4C§	BT	MU174
24	NLF701T	900	1.6kΔ	78C	150m	3.0	500m	50m	125J	1.7	3.0k	4.0u	100	125u	200	18k		BC	MU37a
25▼#	BStR6460I	900	1.7k		300mΔ	2.5 Δ		100m	125J	1.8 #	2.4k	1.5u#	110	30u§	500 §	25k	4C§		MU101
26▼#	BStR6460IS10	900	1.7k		300mΔ	2.5 Δ		100m	125J	1.8 #	2.4k	1.5u#	110	30u§	1.0k§	25k	4C§		MU101
27	PSIH1400-9	900	1.7k	60C	300m	3.0	500m	50m	125J	1.5 †	2.5k†	5.0u#	500	300u§	100	16k	4C§	AB	MU123c
28	PSIJ1600-9	900	1.82kΔ		300m	3.0	500m	200m	125J	3.0 †	5.0k†	10u#	500	300u§	100	15k	4C§	AB	MU123e
29	NLF451T	900	1.9kΔ		150m	4.0	500m	30m	25J	1.9	3.0k	4.0u	100	125u	200	20k	4C§	AC	MU227
30#	DCR1004SN1010	900	1.98k	55C	200m	3.5	77mØ	50m	125C	1.6	2.9k	800n#	800	215u	300 §	2.1k§	5C§	BC	MU84a
31	PSIH1600-9	900	2.0k	56C	300m	3.0	500m	50m	125J	1.2 †	2.5k†	5.0u#	500	300u§	100	20k	4C§	AB	MU123c
32	C450T1	900	2.0k§	70C	200m	5.0 §	500m	20m	25J	1.4	3.0k	.70u#	50	150u	400	28k	4C§	AD	MU232
33	C450T2	900	2.0k§	70C	200m	5.0 §	500m	20m	25J	1.6	3.0k	.70u#	50	150u	400	25k	4C§	AD	MU232
34	C457T	900	2.0kΔ	70	200m	5.0		80m	125	1.9	3.0k	1.0u#		40u⧄	400	18k	4C§	BT	MU174
35#	DCR1003SN1010	900	2.08k	55C	200m	3.5	110m	50m	125	1.5	2.9k	800n	800	215u§	300 §	21k§	5C§	BC	MU84a
36	PSIJ1900-9	900	2.12kΔ		300m	3.0	500m	200m	125J	2.4 †	5.0k†	10u#	500	300u§	100	18k	4C§	AB	MU123e
37#	BStR6560	900	2.2kΔ	69	300m	2.5	250m	60m	125J	1.9	4.2k	1.3	140	200u	200 §	24k	4C§		MU142
38	NLF450T	900	2.4kΔ		150m	4.0	500m	30m	25J	1.4	3.0k	4.0u	100	125u	200	28k	4C§	AC	MU227
39	PSIJ2200-9	900	2.42kΔ		300m	3.0	500m	200m	125J	2.0 †	5.0k†	10u#	500	300u§	100	22k	4C§	AB	MU123e
40	PSIJ2600-9	900	2.87kΔ		300m	3.0	500m	200m	125J	1.6 †	5.0k†	10u#	500	300u§	100	26k	4C§	AB	MU123e
41	PSIJ3000-9	900	3.3k	30C	300m	3.0	500m	200m	125J	1.3 †	5.0k†	10u#	500	300u§	100	30k	4C§	AB	MU123e
42	PSIJ3400-9	900	3.77kΔ		300m	3.0	500m	200m	125J	1.1 †	5.0k†	10u#	500	300u§	100	37k	4C§	AB	MU123e
43#	BStP4960D	900	7.7kΔ		350m	2.5		100m	125J	2.5	1.2k			10u§	500 §	7.6k	4C§		MU53
44	NL511-3	960	16	70C	80m	3.0	20mØ	2.0mØ	100J	2.5	30	3.0u	10	12u	20	150	6A§	AF	TO48
45	C436P	1.0k			150m	5.0 §		20m	25J	4.2	3.0k	.50u#	50	15u	200	5.0k	4F§	AD	MU175
46	C477P	1.0k			250m	5.0 §		45m	125J	2.2	1.5k	1.0u#		40u	200	7.0k	4C§	AD	MU175
47	C478P	1.0k			250m	5.0 §		45m	125J	2.6	1.5k	1.0u#		30u	200	7.0k	4C§	AD	MU175
48#	BStD3666M	1.0k	1.0 §	45C	10mΔ	2.0 Δ	50m⧄	2.5m	115J	1.2	3.0	4.0u#		50u§	50 §	100	4B§	AE	MU22
49#	BStD3666N	1.0k	1.0 §	45C	20mΔ	2.0 Δ	80m⧄	2.5m	115J	1.2	3.0	4.0u#		50u§	100 §	100	4B§	AE	MU22
50#	BStD3666P	1.0k	1.0 §	45C	50mΔ	2.0 Δ	150m⧄	2.5m	115J	1.2	3.0	4.0u#		50u§	200 §	100	4B§	AE	MU22
51	NLC601P	1.0k	1.2 Δ	60C	150m	6.5	250m	35m	125J	2.1	3.0k				100	11k		AD	MU104a
52	JAN2N4206	1.0kΔ	2.0	85C	50m	1.5	5.0m⧄	4.0m	85C	25	30 †		2.0	15u⧄	250 §	100 §	6A§	AF	SC44b
53	S106P1	1.0k	4.0 Δ	75C	200u	800m	3.0m	100u	110J	2.2	4.0					20	4A	AE§	MU114b
54	S106P2	1.0k	4.0 Δ	75C	200u	800m	3.0m	100u	110J	2.2	4.0					20	4A	AE§	MU114b
55	S107P1	1.0k	4.0 Δ	75C	500u	800m	5.0m	100u	110J	2.5	4.0					15	4A	AE§	MU114b
56	S107P2	1.0k	4.0 Δ	75C	500u	800m	5.0m	100u	110J	2.5	4.0					15	4A	AE§	MU114b
57▼	TYN1004(A)	1.0k	4 Δ	75C	.15m	1.5	30m	2m	110	1.6	8	2u	4	50u	50	60	4B§	▼	Y220b
58#	BTW58-1000R	1.0k	6.5 §	85A	200mΔ	1.5 Δ		3.0m§	120J	3.0	5.0	.25u#	5.0		10k	50	XC§	AC	Y220b
59#	CR4U10FY1	1.0k	6.5	100C	10m	2.5	15mØ	5.0m	125C	2.0	20 †	850n#	20	50u§	50 §	100 §	5C%	AF	TO64
60#	CR4U10FY	1.0k	6.5	100C	25m	2.5	15mØ	5.0m	125C	2.0 †	20	850n#	2.0	50u§	50 §	100 §	5C%	AF	TO64
61#	BStD1666M	1.0k	7.5 §	85C	10mΔ	2.0 Δ	50m⧄	2.5m	115J	2.0	23	4.0u#		50u§	50 §	130	4B§	AE§	Y220b
62#	BStD1666N	1.0k	7.5 §	85C	20mΔ	2.0 Δ	80m⧄	2.5m	115J	2.0	23	4.0u#		50u§	100 §	130	4B§	AE§	Y220b
63#	BStD1666P	1.0k	7.5 §	85C	50mΔ	2.0 Δ	150m⧄	2.5m	115J	2.0	23	4.0u#		50u§	200 §	130	4B§	AE§	Y220b
64#	TAG7-1000	1.0kØ	7.5 Δ	105J	25m	2.0	25m	1.5m	105J	1.7	10 †	2.0u	2.0	25u	100 Ø	100	4A§	AF	TO48
65#	TAG7S1000	1.0kØ	7.5 Δ	105J	25m	2.0	25m	1.5m	105J	1.7	10 †	2.0u	2.0	12u⧄	100 Ø	100	4A§	AF	TO48
66#	BTX31-1000	1.0kØ	7.5 Δ	125J	15m	3.0	15m	1.5m	125J	1.7	10 †	2.0u	5.0	25u	100 Ø	100	4C§	AF	TO48
67#	BTX31S1000	1.0kØ	7.5 Δ	125J	15m	3.0	15m	1.5m	125J	1.7	10 †	2.0u	5.0	8.0u§	100 Ø	100	4C§	AF	TO48
68#	BTX71-1000	1.0kØ	7.5 Δ	125J	40m	3.0	40m	1.5m	125J	1.7	10 †	1.4u	5.0	20u§	100 §	100	4C§	AF	TO48
69#	BTX71S1000	1.0kØ	7.5 Δ	125J	40m	3.0	40m	1.5m	125J	1.7	10 †	1.4u	5.0	8.0u§	100 §	100	4C§	AF	TO48
70▼	TYN1008(A)	1.0k	8 Δ	75C	15m	1.5	30m	2m	110	1.6	16	2u	8	50u	50	80	4B§	▼	Y220b
71#	10RIA100	1.0k	8.5 §	45A	40m	2.0	100m	10m	125J	1.8 †	10	900n	850m	110u§	100	270 §	6C§	AF	TO48
72#	FCR9U10JA	1.0k	9.0	85	100m	3.0k	40mØ	5.0m	125	3.0	32	1.1u#	9.0	20u⧄	200	150	5C%	AD	SC138
73#	FCR9U10JC	1.0k	9.0	85	100m	3.0k	40mØ	5.0m	125	3.0	32	1.1u#	9.0	12u⧄	200	150	5C%	AD	SC138
74#	CR8U10FY1	1.0k	9.5	85C	10m	2.5	15mØ	5.0m	125C	2.0	20 †	850n#	8.0	50u§	50 §	100 §	5C%	AF	TO64
75#	CR8U10FY	1.0k	9.5	85C	25m	2.5	15mØ	5.0m	125C	2.0 †	20	850n#	8.0	50u§	50 §	100 §	5C%	AF	TO64
76#	TR1010	1.0k	10	25A	80m	3.0	50mØ	5.0m	125J	2.2	30	2.0u§	10	50u§	50 Ø§	125	5C§	AF	TO48
77#	BTV58-1000R	1.0k	10 §	80A	200m	1.5	1.5 Δ	3.0m	120J	1.8	5.0	.25u			10k	75	XC§	AA	Y200b
78♦#	BTY79-1000R	1.0k	10.0 §	85	30m	1.5	75m	3.0m	125J	2.0	20	1.5u	9.0	200u§	50	150	5C%	AF	TO64
79#	SC10C100	1.0k	10 §	104C	40m	3.0	30mØ	3.0m	125J	1.7	30	10u	10		200 §	200	3C§		RD97
80#	TAG10-1000	1.0kØ	10 Δ	105J	25m	3.0	25m	1.5m	105J	2.0	15 †	2.0u	5.0	25u	100 Ø	120	4A§	AF	TO48
81#	TAG10S1000	1.0kØ	10 Δ	105J	25m	3.0	25m	1.5m	105J	2.0	15 †	2.0u	5.0	8.0u§	100 Ø	120	4A§	AF	TO48
82#	BTX32-1000	1.0kØ	10 Δ	125J	25m	3.0	25m	1.5m	125J	2.0	15 †	2.0u	5.0	25u	100 Ø	120	4C§	AF	TO48
83#	BTX32S1000	1.0kØ	10 Δ	125J	25m	3.0	25m	1.5m	125J	2.0	15 †	2.0u	5.0	8.0u§	100 Ø	120	4C§	AF	TO48
84#	BTX72-1000	1.0kØ	10 Δ	125J	40m	3.0	40m	1.5m	125J	2.0	15 †	1.4u	5.0	20u§	100 §	120	4C§	AF	TO48
85#	BTX72S1000	1.0kØ	10 Δ	125J	40m	3.0	40m	1.5m	125J	2.0	15 †	1.4u	5.0	8.0u§	100 §	120	4C§	AF	TO48
86#	10P10SG	1.0k	11 §	55C	40m	3.0	50mØ	4.5m	125J	2.8	50		5.0	120u	100	125	4F%	AF	SC41q
87▼#	BStC0366S6	1.0k	11 §	85C	30mΔ	2.5 Δ	80m⧄	3.0m	125J	2.0	34	150 ♦		60u§	200 §	180 §	4C§	AF	SC88
88#	16RIA100	1.0k	11.5 §	45A	40m	2.0	100m	10m	125J	1.8 †	16	900n	1.2	110u§	100	395 §	6C§	AF	TO48
89▼#	XT2105-1001	1.0k	12	50C	60m	2.5	15mØ	5.0m	105C	2.0	20	1.0k*		60u§	100 §		5A%	AF	TO48
90▼#	9CR12U10G	1.0k	12 §	85C	100mΔ	3.0 Δ								6.0u	100	160			SC99
91#	SKT12F10DS	1.0k	12 §	90C	100m	3.0	300m							15u	500	210	XC§	AC	TO48
92#	FCR12U10JA	1.0k	12	125	150m	3.0	40mØ	5.0m	125	2.5	32	1.1u#	9.0	20u⧄	200	200	5C%		
93#	FCR12U10JC	1.0k	12	125	150m	3.0	40mØ	5.0m	125	2.5	32	1.1u#	9.0	12u⧄	200	200	5C%		
94#	22RIA100	1.0k	13 §	45A	40m	2.0	100m	10m	125J	1.7 †	22	900n	1.3	110u§	100	460 §	6C§	AF	TO48
95#	CR12M10JY1	1.0k	14	85C	40m	3.0	25mØ	5.0m	125C	2.0 †	32	1.1u#	16	80u§	200 §	200 §	5C%	AF	SC121
96#	CR12U10JY1	1.0k	14	85C	40m	3.0	25mØ	5.0m	125C	2.0 †	32	1.1u#	16	80u§	200 §	200 §	5C%	AD	SC138
97#	CR12M10JY	1.0k	14	85C	60m	3.0	25mØ	5.0m	125C	2.0 †	32	1.1u#	16	80u§	200 §	200 §	5C§	AF	SC121
98#	CR12U10JY	1.0k	14	85C	60m	3.0	25mØ	5.0m	125C	2.0 †	32	1.1u#	16	80u§	200 §	200 §	5C§	AD	SC138
99#	T12N1000COB	1.0k	15	85C	40m	2.0	100m	5.0m	125J	2.8	60	1.0u	10	50u	50	220 §	4C	AF	SC94
100#	T12N1000COC	1.0k	15	85C	40m	2.0	100m	5.0m	125J	2.8	60	1.0u	10	50u	400	220 §	4C	AF	SC94
101#	T15F1000BEC	1.0k	15 §	85C	100m	1.4	200m	15m	125J	2.4	75	1.5u	10	20u	400	400 §	5C§	AF	SC101
102#	T15F1000CEC	1.0k	15 §	85C	100m	1.4	200m	15m	125J	2.4	75	1.5u	10	20u	400	400 §	5C§	AF	SC101
103#	TAG15-1000	1.0kØ	15 Δ	105J	50m	3.0	50m	1.5m	105J	2.0	20 †	2.0u	10	25u	100 Ø	150	4A§	AF	TO48