

### 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		3   @T		4   IGT		5   VGT		MAX. HOLD. CUR. IH (A)	MAX. OFF-ST. CURRENT IR@VDRM OR ID@VDRM@T (A) (C)		MAXIMUM ON-STATE VOLTAGE VT @IT (V) (A)		TYPICAL SWITCHING TIME ON OFF (s) (A) (s)		WORST-CASE dv/dt (V/us)	SURGE CURRENT ITSM (A)	OPER. TEMP. RANGE CODE	LEAD CODE	DRAWING No.
		VDRM (V)	(A)	(C)	(A)	(V)	(A)	(C)	(V)	(A)	tgt (s)		@IT (A)	tq (s)									
1#	SF2R5G42	400	2.5	60C	500u	1.0	250u	110J	1.6	12	20m	250u	110J	1.6	12	1.5u#	20u	100	50	4B#	AC	MU26	
2#	BStC1226	400	2.5	80C	50m	2.0	100m	100J	3.4	7.5	100m	1.0m	100J	3.4	7.5	1.5u#	20u	100	50	4A#	AE#	Y220b	
3#	BStC3126M	400	2.5	85C	25m	2.0	80m	115J	1.3	7.5	80m	400u	115J	1.3	7.5	1.5u#	50u	50	75	2B#	AE#	MU23	
4#	S6098	400	2.5	100J	50m	3.0	120m	100u	25J	2.7	12m	100u	25J	2.7	12	2.0u	100	100	75	2A#	AC	MU127	
5#	TAG2.5-400	400	2.5	125J	20m	2.0	25m	1.5m	125J	2.1	10	1.5m	125J	2.1	10	2.0u	25u	100	60	4C#	AC	TO39	
6#	TAG2.5S400	400	2.5	125J	20m	2.0	25m	1.5m	125J	2.1	10	1.5m	125J	2.1	10	2.0u	12u	100	60	4C#	AC	TO39	
7	2N6240	400	2.8	90C	500u	1.0	10m	200u	110C	2.2	8.2	200u	110C	2.2	8.2	2.0u	20u	100	25	4B#	AC	MU47	
8	S2060D	400	2.75	85C	200u	800m	3.0m	10u	25C	2.2	4.0	10u	25C	2.2	4.0	2.5u	100u	5.0	35	4B#	AC	TO220AB	
9	S2061D	400	2.75	85C	500u	800m	6.0m	10u	25C	2.2	4.0	10u	25C	2.2	4.0	2.5u	100u	5.0	35	4B#	AC	TO220AB	
10	S2062D	400	2.75	85C	2.0m	800m	10m	10u	25C	2.2	4.0	10u	25C	2.2	4.0	2.5u	100u	5.0	35	4B#	AC	TO220AB	
11#	CR2T04HY1	400	2.8	85C	1.0m	3.0	10m	1.0m	125C	1.2	3.0	1.0m	125C	1.2	3.0	35u	20	27	7	4C#	AC	TO39	
12#	CR2T04HY	400	2.8	85C	1.0m	3.0	10m	1.0m	125C	1.2	3.0	1.0m	125C	1.2	3.0	35u	20	27	7	4C#	AC	TO39	
13#	TAG615-400	400	3.0	80C	200u	1.5	5.0m	200u	105J	1.6	6.0	200u	105J	1.6	6.0	80u	50	40	40	4A#	AD	TO39	
14#	TAG614-400	400	3.0	80C	1.0m	1.5	10m	200u	105J	1.6	6.0	200u	105J	1.6	6.0	80u	50	40	40	4A#	AD	TO39	
15#	TAG613-400	400	3.0	80C	5.0m	1.5	15m	200u	105J	1.6	6.0	200u	105J	1.6	6.0	80u	100	40	40	4A#	AD	TO39	
16#	TAG612-400	400	3.0	80C	10m	1.5	25m	200u	105J	1.6	6.0	200u	105J	1.6	6.0	80u	200	40	40	4A#	AD	TO39	
17#	TAG611-400	400	3.0	80C	25m	1.5	25m	200u	105J	1.6	6.0	200u	105J	1.6	6.0	80u	500	40	40	4A#	AD	TO39	
18#	NCM400C	400	3.0	80C	30m	1.5	15m	2.0m	100J	1.5	5.0	2.0m	100J	1.5	5.0	10u	25	25	25	XA#	AF	SC3	
19#	S6089	400	3.0	80C	40m	3.0	100m	1.5m	100J	4.0	20	1.5m	100J	4.0	20	3.0u	3.0	3.5u	200	70	4A#	AF	TO66
20#	TF340M	400	3.0	80C	50m	1.8	70m	2.0m	100J	1.4	5.0	2.0m	100J	1.4	5.0	3.0u	50	60	60	4C#	AC	MU225	
21#	S4003M	400	3.0	80C	10m	1.5	15m	1.0m	100C	1.6	3.0	1.0m	100C	1.6	3.0	2.0u	3.0	35u	10	30	4A#	AD	RD1q
22#	C108D2	400	3.0	40C	200u	800m	3.0m	100u	110	1.3	5.0	100u	110	1.3	5.0	1.2u	1.0	40u	8.0	30	4B	AF	MU113
23#	C108D4	400	3.0	40C	200u	800m	3.0m	100u	110	1.3	5.0	100u	110	1.3	5.0	1.2u	1.0	40u	8.0	30	4B	AA	MU38
24#	2SF532	400	3.0	40C	20m	2.0	5.0m	1.5m	125J	1.2	3.0	1.5m	125J	1.2	3.0	1.2u	1.0	40u	8.0	50	2C#	AD	RD3
25#	CR3CM-8	400	3.0	50C	250u	80u	1.0m	110J	1.6	10	1.0m	110J	1.6	10	1.0m	110J	1.6	10	80u	50	4B#	AC	MU92
26#	TL4006	400	3.0	50L	15m	3.0	20m	2.0m	110J	2.2	6.0	2.0m	110J	2.2	6.0	1.5u	2.0	100	70	4B#	AC	MU166	
27#	S6192G	400	3.0	70C	40m	1.8	135m	1.5m	80J	3.0	10	1.5m	80J	3.0	10	3.0u	5.0	3.5u	100	60	4A	AC	TO220AB
28#	C15D	400	3.0	75C	25m	2.5	30m	2.0m	105J	1.8	15	2.0m	105J	1.8	15	2.0u	3.0	60u	40	XA#	AF	TO64	
29#	S4003LS1	400	3.0	80C	50u	800m	3.0m	100u	100C	1.6	6.0	100u	100C	1.6	6.0	2.0u	3.0	50u	50	4B#	AC	Y220b	
30#	S4003LS2	400	3.0	80C	200u	800m	3.0m	100u	100C	1.6	6.0	100u	100C	1.6	6.0	2.0u	3.0	50u	50	4B#	AC	Y220b	
31#	S4003MS2	400	3.0	80C	200u	800m	3.0	100u	100C	1.6	6.0	100u	100C	1.6	6.0	2.0u	3.0	50u	50	4B#	AD	RD1q	
32#	S4003LS3	400	3.0	80C	500u	800m	6.0m	100u	100C	1.6	6.0	100u	100C	1.6	6.0	2.0u	3.0	45u	50	4B#	AC	Y220b	
33#	S4003MS1	400	3.0	80C	500u	800m	3.0	100u	100C	1.6	6.0	100u	100C	1.6	6.0	2.0u	3.0	60u	40	4B#	AD	RD1q	
34#	S4003MS3	400	3.0	80C	500u	800m	6.0m	100u	100C	1.6	6.0	100u	100C	1.6	6.0	2.0u	3.0	45u	50	4B#	AD	RD1q	
35#	S4003L	400	3.0	80C	10m	1.5	2.0m	1.0m	100C	1.6	3.0	1.0m	100C	1.6	3.0	2.0u	3.0	35u	30	4B#	AC	Y220b	
36#	2N1604	400	3.0	80C	10m	3.0	1.0m	1.0m	125C	2.0	3.0	1.0m	125C	2.0	3.0	2.0u	3.0	35u	25	6C#	AF	TO64	
37#	NCR400B	400	3.0	80B	25m	2.5	1.0m	1.0m	125C	2.0	3.0	1.0m	125C	2.0	3.0	2.0u	3.0	35u	25	XA#	AF	SC3	
38#	TF340MA	400	3.0	86C	3.0m	1.5	50m	1.0m	110J	1.4	5.0	1.0m	110J	1.4	5.0	10m	40	60	60	4B#	AC	MU63	
39#	3P4M	400	3.0	87C	5.0m	1.5	5.0m	2.0m	125J	1.6	10	2.0m	125J	1.6	10	50	40	65	65	4C#	AD	RD1e	
40#	DRA3E	400	3.0	87C	5.0m	1.5	5.0m	2.0m	125J	1.6	10	2.0m	125J	1.6	10	50	40	65	65	3C#	AC	MU132	
41#	3P4MH	400	3.0	87C	2.0k	8.0u	1.0m	2.0m	125J	1.6	10	2.0m	125J	1.6	10	50	40	65	65	4C#	AD	RD1e	
42#	2N2454	400	3.0	90C	20m	3.0	3.0	500u	105C	2.0	3.0	500u	105C	2.0	3.0	1.0u	1.0	75	75	5A#	AF	SC7c	
43#	2N2653	400	3.0	90C	20m	3.0	3.0	50m	105C	2.0	3.0	50m	105C	2.0	3.0	1.0u	1.0	75	75	5A#	AF	TO64	
44#	TGH340M	400	3.0	100J	50m	2.0	1.0m	100J	2.0	20	1.0m	100J	2.0	20	1.0m	100J	2.0	20	300	4A#	AC	MU63	
45#	TFH340M	400	3.0	100J	70m	3.0	1.0m	100J	2.0	20	1.0m	100J	2.0	20	1.0m	100J	2.0	20	250	4A#	AC	MU63	
46#	S3700D	400	3.2	60C	40m	3.5	3.0m	100C	3.0	30	1.0m	100C	3.0	30	1.0m	100C	3.0	30	80	4A#	AF	TO66	
47#	BStC0626S6	400	3.2	65C	50m	3.0	100m	1.5m	100J	2.3	10	1.5m	100J	2.3	10	1.0u	8.0u	200	60	4A#	AF	TO66	
48#	BStC0626S9	400	3.2	65C	50m	3.0	100m	1.5m	100J	2.3	10	1.5m	100J	2.3	10	1.0u	8.0u	500	60	4A#	AF	TO66	
49#	2N3525	400	3.2	75C	15m	2.0	1.0m	1.0m	75C	1.5	3.2	1.0m	75C	1.5	3.2	2.5u	30	40u	100	60	4A#	AF	TO66
50#	S2400D	400	3.3	75C	15m	2.0	20m	3.0m	100C	3.0	100	3.0m	100C	3.0	100	2.5u	30	40u	100	60	4A#	AF	TO8
51#	BStC0233	400	3.5	67	20m	2.0	1.0m	1.0m	125	1.6	10	1.0m	125	1.6	10	2.5u	30	40u	100	60	4A#	AF	MU23
52#	CR105D	400	3.5	70C	10m	2.0	25m	1.5m	105J	2.1	10	1.5m	105J	2.1	10	2.5u	1.0	25u	100	60	4A#	AD	TO39
53#	C107D1	400	3.7	20C	500u	800m	3.0m	100u	110	2.5	4.0	100u	110	2.5	4.0	1.2u	1.0	40u	8.0	15	4B#	AF	MU114
54#	C107D3	400	3.7	20C	500u	800m	3.0m	100u	110	2.5	4.0	100u	110	2.5	4.0	1.2u	1.0	40u	8.0	15	4B#	AF	MU112
55#	SK3557-RT	400	4.0	80C	200u	800m	3.0m	10u	100	2.2	7.8	10u	100	2.2	7.8	100	80	35	20	4C#	AC	TO220AB	
56#	SK3598-RT	400	4.0	80C	200u	800m	3.0m	10u	100	2.2	7.8	10u	100	2.2	7.8	100	80	35	20	4C#	AC	MU177	
57#	TAG512D	400	4.0	80C	2.0m	1.0	8.0m	500u	125J	2.2	7.8	500u	125J	2.2	7.8	2.0u#	30u	10	20	4C#	AC	TO126	
58#	TAG511D	400	4.0	80C	5.0m	1.0	25m	500u	125J	2.2	7.8	500u	125J	2.2	7.8	2.0u#	30u	50	20	4C#	AC	TO126	
59#	TAG510D	400	4.0	80C	10m	1.0	50m	500u	125J	2.2	7.8	500u	125J	2.2	7.8	2.0u#	30u	300	20	4C#	AC	TO126	
60#	C108D1	400	4.0	20C	200u	800m	3.0m	100u	110	2.2	4.0	100u	110	2.2	4.0	1.2u	1.0	40u	8.0	20	4B	AE	MU114
61#	C108D3	400	4.0	20C	200u	800m	3.0m	100u	110	2.2	4.0												