

3. TRIODES, POWER, REVERSE-BLOCKING: SCRS

IN ORDER OF (1) MAX. REPET. 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. IH (A)	MAX. OFF-ST. CURRENT IR@VRRM OR ID@VDRM@T		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)	3 @T (°C)	4 IGT (A)	5 VGT (V)	6 (A)		(A)	(°C)	VT (V)	@IT (A)	tgt (s)	@IT (A)						tq (s)
1	S0308FS31	30	8.0	80C	500u	800m	6.0m	100u	100	1.6	16	2.0	6.0	45u	20	100	4B5	AC	Y202b	
2	S0308LS3	30	8.0	80C	500u	800m	6.0m	100u	100C	1.6	16	2.0u	8.0	45u	20	100	4B5	AC	Y220b	
3	S0308F1	30	8.0	80C	15m	1.5	30m	1.0m	100	1.6	16	2.0u	8.0	35u	60	100	4B5	AC	Y202b	
4	S0308L	30	8.0	80C	15m	1.5	30m	1.0m	100C	1.6	16	2.0u	8.0	35u	60	100	4B5	AC	Y220b	
5	S0310F1	30	8.0	80C	15m	1.5	30	1.0m	100	1.6	20	2.0u	10	35u	60	100	4B5	AC	Y202b	
6	S0310FS21	30	10	80C	200u	800m	3.0m	100u	100	1.6	20	2.0u	10	50u	20	100	4B5	AC	Y202b	
7	S0310LS2	30	10	80C	200u	800m	3.0m	100u	100C	1.6	20	2.0u	10	50u	20	100	4B5	AC	Y220b	
8	S0310FS31	30	10	80C	500u	800m	6.0m	100u	100	1.6	20	2.0u	10	45u	20	100	4B5	AC	Y202b	
9	S0310LS3	30	10	80C	500u	800m	6.0m	100u	100C	1.6	20	2.0u	10	45u	20	100	4B5	AC	Y220b	
10	S0310L	30	10	80C	15m	1.5	30m	1.0m	100C	1.6	20	2.0u	10	35u	60	100	4B5	AC	Y220b	
11	S0315G	30	15	80C	20m	1.5	35m	1.0m	100C	1.6	30	2.0u	15	35u	100	150	4B5	AF	Y220b	
12	S0315H	30	15	80C	20m	1.5	35m	1.0m	100C	1.6	30	2.0u	15	35u	100	150	4B5	AF	SC80a	
13	S0315L	30	15	80C	20m	1.5	35m	1.0m	100C	1.6	30	2.0u	15	35u	100	150	4B5	AC	Y220b	
14	S0320L	30	20	80C	25m	2.0	40m	1.0m	100C	1.6	40	2.5u	20	35u	150	225	4B5	AC	Y220b	
15	S0325	30	25	60C	25m	2.0	40m	1.0m	100C	1.6	25	2.5u	25	35u	150	225	4B5	AF	RD41a	
16	S0325D	30	25	60C	25m	2.0	40m	1.0m	100C	1.6	50	2.5u	25	35u	30	225	4B5	AF	SC81a	
17	S0325C	30	25	80C	25m	2.0	40m	1.0m	100C	1.6	50	2.5u	25	35u	30	225	4B5	AF	RD42a	
18	S0325G	30	25	80C	25m	2.0	40m	1.0m	100C	1.6	50	2.5u	25	35u	150	225	4B5	AF	RD40a	
19	S0325H	30	25	80C	25m	2.0	40m	1.0m	100C	1.6	50	2.5u	25	35u	150	225	4B5	AF	SC80a	
20	S0335D	30	35	60C	25m	2.0	40m	1.0m	100C	1.6	70	2.5u	35	35u	150	300	4B5	AF	SC81a	
21	S0335	30	35	70C	25m	2.0	40m	1.0m	100C	1.6	70	2.5u	35	35u	150	300	4B5	AF	RD41a	
22	S0335C	30	35	70C	25m	2.0	40m	1.0m	100C	1.6	70	2.5u	35	35u	150	300	4B5	AF	RD41a	
23	S0335G	30	35	70C	25m	2.0	40m	1.0m	100C	1.6	70	2.5u	35	35u	150	300	4B5	AF	RD40a	
24	S0335H	30	35	70C	25m	2.0	40m	1.0m	100C	1.6	70	2.5u	35	35u	150	300	4B5	AF	SC80a	
25	O3P05M	50	3.0u	30C	500u	8.0u	5.0m	100u	125J	2.5	4.0	20	#	2.0u	25u	40	8.0	4C5	AE	MU210
26	SFOR1A42	50	100m	35A	200u	800m	3.0m	100u	100J	2.5	1.0				50	4.4	4A5	AE	RD8	
27	2N4108	50	180m	25A	200u	800m	2.0m	20u	125A	1.6	500m	1.5u	200m	15u		4.0	6C*	AD	TO18	
28	JAN2N2323	50	220m	80A	350u	1.0	2.0m	.01m	25	2.2	4.0				15	6C	AD	TO5		
29	JAN2N2323A	50	220m	80A	350u	1.0	2.0m	.01m	25	2.2	4.0				15	6C	AD	TO5		
30	61T4Z	50	26	25A	20m	.80	3.0m	.05m	100J	1.1	20				5.0	2A5	AD	TO46		
31	2SF1110	50	300m	30A	250u	800m		100u	125J	1.6	600m				10	4C5	AC	MU91		
32	CRO2AM1	50	300m	30A	250u	800m		100u	125J	1.6	600m				10	4C5	AC	MU91		
33	DRA03A	50	.30	30A	.50m	.80	5.0m			2.5	4.0				30	3C5	AE	RD12a		
34	CRO3AM1	50	300m	47A	250u	800m		100u	110J	1.8	4.0				20	4B5	AE	RD12		
35	2SF101	50	.38	25A	.50m	1.0		10m	100J	2.5	4.0				15	4C	AD	TO5		
36	2SF521	50	400m	25A	3.0m	1.0		400u	125J	1.2	1.0				20	2C5	AD	RD61		
37	2SF101B	50	470m	50C	500u	1.0	2.0m	200	125J	2.5	4.0	20	#	200m	20u	15	4C5	AC	RD1g	
38	BT149F	50	600m	55A	200m	800m	5.0m	300m	125J	1.2	1.0	500u	1.5	50u	10	15	XC5	AA	TO92	
39	2N1930	50	.75	55A	2.0	30m	80m	2.0m	125A	1.4	.75				30	6C*	AF	RD16		
40	NMB126	50	800m	25J	200u	800m	5.0m	1.0u	25C	1.5	1.0				15u	6C5	AD	RD26a		
41	TAG62F	50	800m	35C	200u	800m	2.0m	50u	125J	1.7	1.0	50n	#	10u	20	10	4C	AD	TO92	
42	TAG60F	50	800m	55C	200u	800m	2.0m	50u	125J	1.7	1.0	250n	#	10u	6.0	4C5	AD	RD26		
43	TAG64F	50	800m	55C	200u	800m	2.0m	50u	125J	1.7	1.0	250n	#	10u	6.0	4C5	AD	TO39		
44	TAG66F	50	800m	100C	200u	800m	2.0m	50u	125J	1.9	4.0	250n	#	10u	6.0	4C5	AC	TO126		
45	TAG59F	50	1.0	40C	200u	800m	5.0m	300u	125J	1.7	2.0	2.0u	#	30u	50	15	4C5	AD	RD83	
46	2N4096	50	1.0	25C	20m	.80	2.0m	.02m	125C	1.6	.50	1.5u	20	15u	75	4.0	6C*	AD	TO46	
47	BRX50	50	1.0	30C	20u	800m	5.0m	300u	125J	2.0	1.0			30u	10	15	4C5	AB	RD26	
48	2N1595A	50	1.0	80C	2.0m	3.0	5.0m	1.0m	125C	2.0	1.0				15	6C2	AD	TO5		
49	2N1595	50	1.0	80C	10m	3.0		1.0m	125C	2.0	3.0				15	6C2	AD	TO5		
50	2N4213	50	1.0	85	300u	1.0	7.0m	200u	125	2.0	3.1				15	4C2	AD	TO5		
51	BRX60	50	1.0	100C	200u	1.0		500u	125J	2.2	7.8	500n	#	50u	5.0	20	4C	AC	TO126	
52	TAG2-50	50	1.0	105J	1.0m	2.0	5.0m	1.0m	105J	2.0	2.0	2.0u	1.0	25u	100	15	4A5	AD	TO39	
53	TAG1-50	50	1.0	105J	10m	2.0	25m	1.0m	105J	2.0	2.0	2.0u	1.0	25u	100	15	4A5	AD	TO39	
54	2N2010	50	1.3	80C	20m	1.0	5.0m	10m	125C	1.2	1.0				15	6C2	AD	TO5		
55	CR1TX5HY3	50	1.5	55C	200u	3.0	5.0m	1.0m	100C	1.8	3.0	150n	#	1.0	35u	20	15	4C5	AD	RD15
56	CR1TX5HY2	50	1.5	55C	1.0m	3.0	5.0m	1.0m	100C	1.8	3.0	150n	#	1.0	35u	20	15	4C5	AD	RD15
57	CR1TX5HY1	50	1.5	55C	10m	3.0	5.0m	1.0m	100C	1.8	3.0	150n	#	1.0	35u	20	15	4C5	AD	RD15
58	TAG521F	50	1.6	40C	200u	1.0	10m	100u	150J	2.0	2.0	1.0u	#	30u	50	15	2A5	AD	TO39	
59	11T4	50	1.6	25C	10m	3.0	1.5m	.25m	25J	2.0	1.0			20u		15	4A	AD	TO5	
60	HSE701-RT	50	1.6	25C	10m	3.0	20m	1.0m	25	2.0	1.0				15	2A5	AD	TO5		
61	11T4S	50	1.6																	