

TCE Type	Maximum Ratings						Operating Characteristics			
	Repetitive Peak Off-State Voltage V_{DRM} V	On-State RMS Current $I_T(RMS)$ A	On-State Average Current $I_T(AVG)$ A	Peak Non-Repet. Surge Current I_{TSM} A	Peak Reverse Gate Voltage V_{GM} V	Peak Forward Gate Current I_{GM} A	ALL TYPES			
							Forward On-State Voltage V_T V	Gate Trigger Current I_{GT} mA	Gate Trigger Voltage V_{GT} V	Holding Current I_H mA
SK3502	550	5	1.7	60	.....	.....	.....	8	1.2	10
SK3503	600	7	4.5	100	.....	.....	1.8	10	1	15
SK3504	600	20	22	200	.....	.....	1.7	25	1.1	30
SK3505	600	35	22	350	.....	.....	1.7	25	1.1	30
SK3527	600	12.5	8	200	.....	.....	.....	20	1.5	25
SK3557	400	4	2.5	35	.....	.....	1.25	0.2 Max	0.5	1.7
SK3570	200	4	2.5	35	.....	.....	1.25	0.2 Max	0.5	1.7
SK3571	600	4	2.5	35	.....	.....	1.25	0.2 Max	0.5	1.7
SK3574	200	16	.....	160	.....	.....	1.4	8	0.7	10
SK3575	400	16	.....	160	.....	.....	1.4	8	0.7	10
SK3576	600	10	6	160	.....	.....	1.7	60 Max	2.5 Max	60 Max
SK3577	200	7	4.5	100	.....	.....	2.6 Max	15 Max	1.5 Max	20 Max
SK3578	400	7	4.5	100	.....	.....	1.9	6	0.65	9
SK3579	200	25	.....	250	.....	.....	.....	9 Max	1.5 Max	50 Max
SK3580	400	20	12.5	200	.....	.....	1.9	8	1.1	9
SK3581	200	35	22	350	.....	.....	1.7	46	1.1	30
SK3582	400	35	22	350	.....	.....	1.8	80 Max	3 Max	30
SK3597	200	3.5	2.2	20	.....	0.2	1.25	0.03	0.5	1.7
SK3598	400	3.5	2.2	20	.....	0.2	1.25	0.03	0.5	1.7
SK3613	200	20	.....	200	.....	.....	2.4 Max	15 Max	2 Max	20 Max
SK3615	200	35	22	350	.....	.....	1.7	25	1.1	30
SK3627	200	0.8	.....	6	.....	.....	.....	0.2 Max	0.8 Max	5 Max
SK3634	200	8	5.1	80	.....	2	.....	7	0.75	6
SK3635	400	8	5.1	80	.....	.....	.....	7	0.75	6
SK3636	600	8	5.1	80	.....	2	.....	7	0.75	6
SK3638	100	0.8	0.51	6	.....	.....	.....	0.2 Max	0.8 Max	5
SK3653	400	35	22	350	.....	.....	1.7	25	1.1	30
SK3654	600	35	22	350	.....	.....	1.7	25	1.1	30
SK3655	200	35	22	350	.....	.....	1.7	25	1.1	30
SK3656	400	35	22	350	.....	.....	1.7	25	1.1	30
SK3657	600	35	.....	350	.....	.....	2.1 Max	40	2 Max	70 Max
SK3683	200	5	.....	60	.....	.....	.....	8	1.2	10
SK3684	400	5	.....	60	.....	.....	.....	8	1.2	10
SK3855	750	5	.....	50	.....	.....	.....	40	4	.....
SK3857	500	7.5	.....	80	.....	.....	.....	40	4	.....
SK3898	400	12.5	8	200	.....	.....	1.8	80	3	.....
SK3940	50	10	.....	90	.....	.....	.....	25 Max	1.5 Max	30 Max
SK3941	100	10	.....	90	.....	.....	.....	25 Max	1.5 Max	30 Max
SK3942	200	10	.....	90	.....	.....	.....	25 Max	1.5 Max	30 Max
SK3943	400	10	.....	90	.....	.....	.....	25 Max	1.5 Max	30 Max



Operating Characteristics						Outline No.	Application	TCE Type
ALL TYPES			GTO TYPES*		ITR** TYPES			
Critical Rate-Rise Off-State Voltage	Gate- Controlled Turn-On Time	Turn-Off Time	Gate Turn-Off Current	Gate Turn-Off Voltage	Maximum Reverse Recovery Time			
dv/dt V/ μ S	t_{gt} μ S	t_q μ S	I_{go} mA	V_{go} V	t_{rr} μ S			
200	.....	15	.....	.....	.....	S-005	Switching	SK3502
125	1.2	65	.....	.....	.....	S-004	Switching	SK3503
100	1.25	20	.....	.....	.....	S-009	Phase-Control	SK3504
100	1.25	20	.....	.....	.....	S-009	Switching	SK3505
100	1.25	20	.....	.....	.....	S-007	Switching	SK3527
8	1.7	30	.....	.....	.....	S-003	Switching	SK3557
8	1.7	30	.....	.....	.....	S-003	Switching	SK3570
8	1.7	30	.....	.....	.....	S-003	Switching	SK3571
50 Min	2 Max	35	.....	.....	.....	S-003	Switching	SK3574
50 Min	2 Max	35	.....	.....	.....	S-003	Switching	SK3575
50 Min	2	35	.....	.....	.....	S-003	Switching	SK3576
20	2 Max	50 Max	.....	.....	.....	S-004	Switching	SK3577
200	1	15	.....	.....	.....	S-004	Switching	SK3578
200	.....	.....	.....	.....	.....	S-009	Switching	SK3579
100	2	20	.....	.....	.....	S-009	Switching	SK3580
100	1.25	20	.....	.....	.....	S-009	Switching	SK3581
100	1.25	20	.....	.....	.....	S-009	Phase-Control	SK3582
8	1.7	65	.....	.....	.....	S-013	Switching	SK3597
8	1.7	65	.....	.....	.....	S-013	Switching	SK3598
150	2	.....	.....	.....	.....	S-008	Switching	SK3613
100	1.25	20	.....	.....	.....	S-008	Switching	SK3615
.....	.....	.....	.....	.....	.....	S-002	Switching	SK3627
50	1	15	.....	.....	.....	S-018	Switching	SK3634
50	1	15	.....	.....	.....	S-018	Switching	SK3635
50	1	15	.....	.....	.....	S-018	Switching	SK3636
300	.....	30	.....	.....	.....	S-002	Switching	SK3638
100	1.25	20	.....	.....	.....	S-008	Switching	SK3653
100	1.25	20	.....	.....	.....	S-008	Switching	SK3654
100	1.25	20	.....	.....	.....	S-010	Switching	SK3655
100	1.25	20	.....	.....	.....	S-010	Switching	SK3656
10	2	40	.....	.....	.....	S-010	Switching	SK3657
200	1.5	15	.....	.....	.....	S-005	Switching	SK3683
200	1.5	15	.....	.....	.....	S-005	Switching	SK3684
850	.....	2.5	.....	.....	1.5	S-011	Switching	SK3855
700 Min	.....	.....	.....	.....	.....	S-005	Switching	SK3857
100	1.25	20	.....	.....	.....	S-007	Switching	SK3898
50	.....	.....	.....	.....	.....	S-024	Switching	SK3940
50	.....	.....	.....	.....	.....	S-024	Switching	SK3941
50	.....	.....	.....	.....	.....	S-024	Switching	SK3942
50	.....	.....	.....	.....	.....	S-024	Switching	SK3943

* GTO=Gate Turn-Off **ITR=Integrated Thyristor Rectifier