BIPOLAR TRANSISTORS CONT.

TCE Type (*complementary device type)	Device Polarity & Material	Application	Maximum Ratings					
			Device Power Dissipatn.	Collector Current Continuous	Base Current	Breakdown Voltages		
						Collector-to-Base	Collector-to-Emitter	Emitter-to-Base
			P_T W	I_C A	I_B A	BV_{CBO} V	BV_{CEO} V	BV_{EBO} V
SK9603	NPN/Si	HF RF Power Amp:Indust./Comm./Amateur Radios	175	10	. . . .	36	18	4
SK9604	NPN/Si	RF Power Amp	80	6	. . .	.....	18	4
SK9605	NPN/Si	RF Power Amp	80	7	.....	36	18	4
SK9606	NPN/Si	VHF Marine & Mobile Transmitter	80	6	. . .	36	18	4
SK9607	NPN/Si	RF Power Amp	115	7.5	. .	40	20	4
SK9608	NPN/Si	RF Power Amp	115	7.5	. . . .	40	20	4
SK9609	NPN/Si	RF Power Amp	175	15	. . . .	....	18	4
SK9610	NPN/Si	RF Power Amp	175	15	.....	. . . .	18	4
SK9611	NPN/Si	RF Power Amp	270	15	....	36	18	4
SK9612	NPN/Si	RF Power Amp	250	20	.....	45	25	4
SK9613	NPN/Si	RF Driver Amp	20	2	....	. . . .	18	4
SK9614	NPN/Si	RF Driver, Power Output Amp	50	3.5	..	.....	24	4
SK9615	NPN/Si	RF Driver, Power Output Amp for FM SSB	80	4.5	.....	36	18	4
SK9616	NPN/Si	RF Power Amp	115	10	.....	36	18	4
SK9617	NPN/Si	RF Power Amp	8	0.64	. . . .	36	18	4
SK9618	NPN/Si	RF Power Amp, VHF Communications	12	1	.....	36	18	4
SK9619	NPN/Si	RF Power Amp, VHF Communications	40	2.5	. . . .	36	18	4
SK9620	NPN/Si	RF Power Amp	50	7	.....	35	17	4
SK9621	NPN/Si	RF Power Amp, VHF Communications	65	4	.....	36	18	4
SK9622	NPN/Si	VHF Communications, RF Driver or Pre-Driver Amp	3.5	0.4	....	40	20	2
SK9623	NPN/Si	RF Amp, VHF Communications	12	1	....	36	18	4
SK9624	NPN/Si	VHF RF Amp, Mobile, Marine Transmitter	30	2	....	36	18	4
SK9625	NPN/Si	RF Power Amp, VHF Marine, Mobile	31	2.5	.....	36	18	4
SK9626	NPN/Si	VHF Large-Signal Amp FM Equipment	250	20	....	36	18	4

BIPOLAR TRANSISTORS CONT.

Operating Characteristics					Switching Characteristics (if any) Max. Limits, Resistive Load				RF Functional Data (if any)			Outline No.	TCE Type
Current Gain			Gain-Bandwidth Product	Noise Figure	Delay Time	Rise Time	Storage Time	Fall Time		Test Conditions			
Small Signal h_{fe}	Static h_{FE}	Test Conditions	f_T MHz	NF	t_d µS	t_r µS	t_s µS	t_f µS	Power Gain G_P dB	Power Output P_{OUT} Test W	Operating Frequency F_O MHz		
.....	10-150	Vce(V) = 5 Ic(A) = 5	30	.....	.....	.....	.....	.....	12 Min	80	30	T-068	**SK9603**
.....	10 Min	Vce(V) = 5 Ic(A) = 0.250	200	.....	.....	.....	.....	.....	10	40	50	T-068	**SK9604**
.....	5 Min	Vce(V) = 5 Ic(A) = 1	.....	.....	.....	.....	.....	.....	4.5 Min	40	175	T-080	**SK9605**
.....	5 Min	Vce(V) = 5 Ic(A) = 0.25	200	.....	.....	.....	.....	.....	4.5	40	175	T-069	**SK9606**
.....	10 Min	Vce(V) = 5 Ic(A) = 0.01	.....	.....	.....	.....	.....	.....	15 Typ	50	30	T-038	**SK9607**
.....	10 Min	Vce(V) = 5 Ic(A) = 0.01	.....	.....	.....	.....	.....	.....	15 Typ	50	30	T-069	**SK9608**
.....	10-150	Vce(V) = 5 Ic(A) = 5	.....	.....	.....	.....	.....	.....	13 Min	60	30	T-069	**SK9609**
.....	10-150	Vce(V) = 5 Ic(A) = 5	.....	.....	.....	.....	.....	.....	13	60	30	T-038	**SK9610**
.....	60 Typ	Vce(V) = 5 Ic(A) = 5	.....	.....	.....	.....	.....	.....	13 Min	75	30	T-068	**SK9611**
.....	10-150	Vce(V) = 5 Ic(A) = 5	.....	.....	.....	.....	.....	.....	12 Min	80	30	T-070	**SK9612**
.....	5 Min	Vce(V) = 5 Ic(A) = 0.5	.....	.....	.....	.....	.....	.....	.....	8	50	T-038	**SK9613**
.....	15 Typ	Vce(V) = 5 Ic(A) = 1.2	.....	.....	.....	.....	.....	.....	.....	20	50	T-038	**SK9614**
.....	50 Typ	Vce(V) = 5 Ic(A) = 1	30	.....	.....	.....	.....	.....	18	20	30	T-069	**SK9615**
.....	60 Typ	Vce(V) = 5 Ic(A) = 1	.....	.....	.....	.....	.....	.....	10.5 Typ	40	50	T-070	**SK9616**
.....	5 Min	Vce(V) = 5 Ic(A) = .05	.....	.....	.....	.....	.....	.....	10 Min	4	175	T-005EC	**SK9617**
.....	5 Min	Vce(V) = 5 Ic(A) = 0.25	.....	.....	.....	.....	.....	.....	10 Min	5	175	T-071	**SK9618**
.....	5 Min	Vce(V) = 5 Ic(A) = 0.5	.....	.....	.....	.....	.....	.....	6.3 Min	15 Min	175	T-071	**SK9619**
.....	10-180	Vce(V) = 10 Ic(A) = .2	.....	.....	.....	.....	.....	.....	10	30	175	T-081	**SK9620**
.....	20 Min	Vce(V) = 5 Ic(A) = 1	.....	.....	.....	.....	.....	.....	9.2	25 Min	175	T-038	**SK9621**
.....	10-200	Vce(V) = 5 Ic(A) = .10	500 Min	.....	.....	.....	.....	.....	10 Min	1	175	T-005	**SK9622**
.....	5 Min	Vce(V) = 5 Ic(A) = .25	.....	.....	.....	.....	.....	.....	12 Min	4	175	T-038	**SK9623**
.....	5 Min	Vce(V) = 5 Ic(A) = 0.25	200	.....	.....	.....	.....	.....	5.2 Min	10	175	T-038	**SK9624**
.....	5 Min	Vce(V) = 5 Ic(A) = 0.5	.....	.....	.....	.....	.....	.....	6.3 Min	15	175	T-069	**SK9625**
.....	10-150	Vce(V) = 5 Ic(A) = 5	.....	.....	.....	.....	.....	.....	8.5 Typ	75	175	T-075	**SK9626**