DIFFERENTIAL AND DUAL AMPLIFIERS (Cont'd)

Type NPN	Maximum Ratings					Electrical Characteristics @ 25°C								
	Ambient P_D		V_{CB} Volts	V_{CE} Volts	V_{EB} Volts	H_{FE} @ I_C		$V_{CE(Sat)}$ @ I_C/I_B		Matching		Tracking ΔV_{BE} ΔT −55°C to +125°C in µV/°C	f_t MHz Min	Case
	One Side mW	Both Sides mW				Min/Max	mA	Volts	mA/mA	H_{FE} %	V_{BE} in mV			
2N3729	450	550	60	30	5	80/280	150.0	0.22	150/15	10	3	10	250	TO-78
2N2453	300	600	60	30	7	150/600	1.0	0.5	5/0.5	10	3	10	60	TO-77
2N2480	300	600	75	40	5	30/350	1.0	0.6	50/5	20	10	15	50	TO-77
2N2480A	300	600	80	40	5	50/200	1.0	0.6	50/5	20	5	15	50	TO-77
2N2639	300	600	45	45	5	50/300	0.01	0.5	10/0.5	10	5	10	80	TO-77
2N2640	300	600	45	45	5	50/300	0.01	0.5	10/0.5	20	10	20	80	TO-77
2N2641	300	600	45	45	5	50/300	0.01	0.5	10/0.5	–	–	–	80	TO-77
2N2642	300	600	45	45	5	100/300	0.01	0.5	10/0.5	10	5	10	80	TO-77
2N2643	300	600	45	45	5	100/300	0.01	0.5	10/0.5	2	10	20	80	TO-77
2N2913	300	600	45	45	6	60/240	0.01	0.35	1/0.1	–	–	–	60	TO-77
2N2914	300	600	45	45	6	150/600	0.01	0.35	1/0.1	–	–	–	60	TO-77
2N2915	300	600	45	45	6	60/240	0.01	0.35	1/0.1	10	3	10	60	TO-77
2N2916	300	600	45	45	6	150/600	0.01	0.35	1/0.1	10	3	10	60	TO-77
2N2917	300	600	45	45	6	60/240	0.01	0.35	1/0.1	20	5	20	60	TO-77
2N2918	300	600	45	45	6	150/600	0.01	0.35	1/0.1	20	5	20	60	TO-77
2N2453A	300	600	80	50	7	150/600	1.0	0.22	5/0.5	10	3	10	60	TO-77
2N2919	300	600	60	60	6	60/240	0.01	0.35	1/0.1	10	3	10	60	TO-77
2N2920	300	600	60	60	6	150/600	0.01	0.35	1/0.1	10	3	10	60	TO-77
2N2652	300	600	100	60	7	50/200	1.0	0.6	50/5	15	3	10	60	TO-77
2N2652A	300	600	100	60	7	50/200	1.0	0.6	50/5	10	3	10	60	TO-77
2N2223	500	600	100	60	7	25/150	0.1	0.6	50/5	20	15	25	50	TO-77
2N2223A	500	600	100	60	7	25/150	0.1	0.6	50/5	10	5	25	50	TO-77
2N2060	500	600	100	60	7	30/90	0.1	0.5	50/5	10	5	10	60	TO-77

UHF POWER AMPLIFIERS

Type NPN	P_o Case Watts	V_{CB} Volts	V_{CE} Volts	V_{EB} Volts	H_{FE} @ I_C			f_t MHz Min	C_{ob} pF Max	P_o@f		G_{PE} @ f		Case
					Min	Max	mA			Watts Min	MHz	dB Min	MHz	
2N2951	3	60	20	5	20	150	10	200	8	1	35	–	–	TO-5
2N2952	1.8	60	20	5	20	150	10	200	8	1	35	–	–	TO-18
2N4072	0.36	40	20	4	10	–	25	550	4	.250	175	10	175	TO-18
2N4073	1.5	40	20	4	10	–	25	550	4	.500	175	10	175	TO-5
2N3137	2	40	20	4	20	120	50	500	3.5	–	–	6	250	TO-5
2N4427	3.5	40	20	2	10	200	100	500	4	–	–	10	175	TO-39
2N5109	3.5	40	20	3	70	–	50	–	3.5	–	–	11	200	TO-39
2N2948	25	40	20	2	2.5	100	400	100	60	15	50	–	–	TO-3
2N1338	4	80	25	4	10	150	15	70	8	–	–	–	–	TO-5
2N1491	3	30	25	1	15	200	15	300	5	–	–	13	70	TO-39
2N3866	5	55	30	5	10	200	50	500	3	1	400	10	400	TO-39
2N5108	3.5	55	30	3	10	150	50	1200	3	1	1000	5	1000	TO-39
2N4428	3.5	55	35	3.5	20	200	50	700	3.5	0.78	500	10	500	TO-39
2N3553	7	65	40	4	10	100	250	350	12	2.5	175	10	175	TO-39
2N2947	25	60	40	3	2.5	35	400	100	60	15	50	–	–	TO-3
2N3297	20	60	40	3	2.5	35	400	100	60	6	30	10	30	TO-3
2N1335	4	120	45	4	10	150	30	70	8	–	–	–	–	TO-5
2N1336	4	120	45	4	10	150	30	70	10	–	–	–	–	TO-5
2N1337	4	120	45	4	10	150	30	70	8	–	–	–	–	TO-5
2N1339	4	120	50	4	10	150	30	70	8	–	–	–	–	TO-5
2N1340	4	120	50	4	10	150	30	70	8	.500	70	–	–	TO-5
2N1341	4	120	50	4	10	150	30	70	8	–	–	–	–	TO-5
2N1492	3	60	50	2	15	200	15	300	5	–	–	13	700	TO-39
2N1493	3	100	60	4.5	15	200	15	300	5	–	–	10	70	TO-39
2N3118	4	–	60	4	50	275	25	250	6	–	–	18	50	TO-5
2N1342	3	150	65	5	20	150	30	150	8	.700	70	9	70	TO-5
2N4130	120	80	65	4	10	60	2000	125	200	–	–	–	–	TO-3
2N3119	4	100	80	4	50	200	100	250	6	–	–	–	–	TO-5
2N4131	60	–	80	4	10	80	1000	110	110	–	–	–	–	TO-3