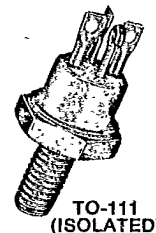


5 AMP/NPN-PNP

Pirgo Silicon Planar
Power Transistors

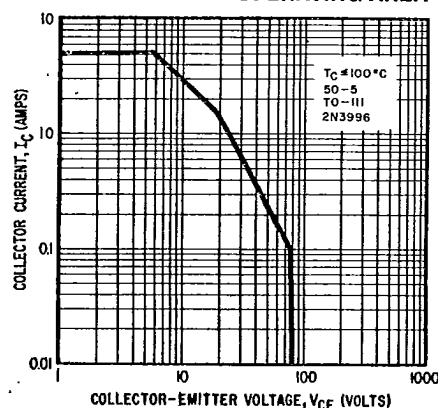
5 AMP
90 VOLT
30 WATT
70 MHz
TO-111
(ISOLATED)



- Linear h_{FE} from 10 mA to 5 amps
- Low saturation voltage at maximum collector current
- High frequency $f_i = 70$ MHz (typical)
- High voltage, $BV_{CEO(sus)}$ to 90 volts

NPN Type	Package	BV _{CBO}	BV _{CEO} (sus)	BV _{EBO}	h _{FE}			h _{FE}			V _{CE} (sat)		C _{ob} Max pf	P _{DW} @ 100° C	PNP Complement
					Min	Max	@ I _C A	Min	@ I _C A	Max	@ I _C A				
2N3744	TO-111	60	30	7	20	60	1	10	5	2	5	150	30	PG2290	
2N3745	TO-111	80	50	8	20	60	1	10	5	2	5	150	30	PG2291	
2N3746	TO-111	100	70	8	20	60	1	10	5	2	5	150	30	PG2292	
2N3747	TO-111	60	30	7	40	120	1	15	5	2	5	150	30	PG2293	
2N3748	TO-111	80	50	8	40	120	1	15	5	2	5	150	30	PG2294	
2N3749	TO-111	100	70	8	40	120	1	15	5	2	5	150	30	PG2295	
2N3750	TO-111	60	30	7	100	300	1	20	5	2	5	150	30	PG2296	
2N3751	TO-111	80	50	8	100	300	1	20	5	2	5	150	30	PG2297	
2N3752	TO-111	100	70	8	100	300	1	20	5	2	5	150	30	PG2298	
2N3996	TO-111	100	80	8	40	120	1	15	5	2	5	150	30	PG2299	
2N3997	TO-111	100	80	8	80	240	1	20	5	2	5	150	30	PG2300	
PG1275	TO-111	120	90	8	20	60	1	10	5	2	5	150	30	PG2275	
PG1276	TO-111	120	90	8	40	120	1	15	5	2	5	150	30	PG2276	
PG1277	TO-111	120	90	8	100	300	1	20	5	2	5	150	30	PG2277	
PG1278	TO-111	60	30	7	20	60	1			.5	1	150	30	PG2278	
PG1279	TO-111	80	50	7	20	60	1			.5	1	150	30	PG2279	
PG1280	TO-111	100	70	7	20	60	1			.5	1	150	30	PG2280	
PG1281	TO-111	120	90	7	20	60	1			.5	1	150	30	PG2281	
PG1282	TO-111	60	30	7	40	120	1			.5	1	150	30	PG2282	
PG1283	TO-111	80	50	7	40	120	1			.5	1	150	30	PG2283	
PG1284	TO-111	100	70	7	40	120	1			.5	1	150	30	PG2284	
PG1285	TO-111	120	90	7	40	120	1			.5	1	150	30	PG2285	
PG1286	TO-111	60	30	7	100	300	1			.5	1	150	30	PG2286	
PG1287	TO-111	80	50	7	100	300	1			.5	1	150	30	PG2287	
PG1288	TO-111	100	70	7	100	300	1			.5	1	150	30	PG2288	
PG1289	TO-111	120	90	7	100	300	1			.5	1	150	30	PG2289	

MAXIMUM SAFE OPERATING AREA

NORMALIZED h_{FE} Vs I_C 