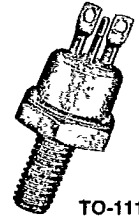


5 AMP/NPN-PNP Pirgo Silicon Planar Power Transistors

5 AMP
90 VOLT
30 WATT
70 MHz
TO-111

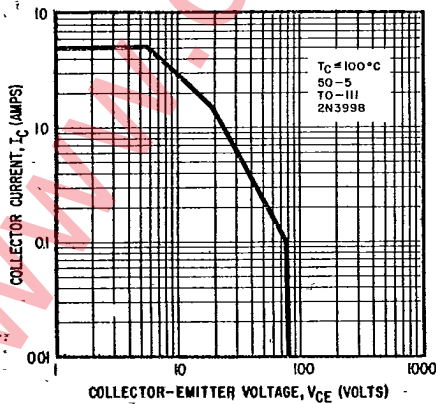


TO-111

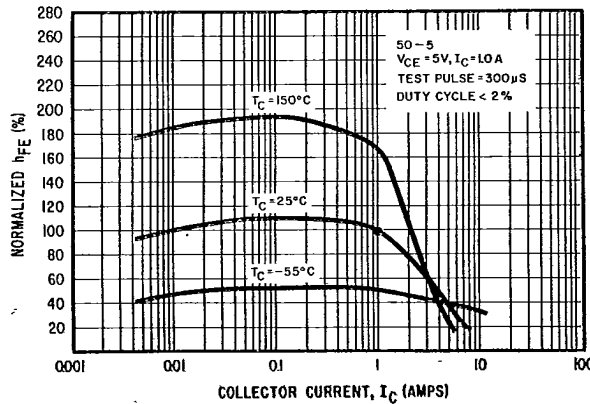
- Linear h_{FE} from 10 mA to 5 amps
- Low saturation voltage at maximum collector current
- High frequency $f_t = 70$ MHz (typical)
- High voltage, $BV_{CEO(sus)}$ to 90 volts

NPN Type	Package	BV_{CBO}	BV_{CEO} (sus)	BV_{EBO}	h_{FE}			h_{FE}			V_{CE} (sat)	C_{obMax} pf	P_{DW} @ 100° C	PNP Complement
					Min	Max	@ $I_C A$	Min	@ $I_C A$	Max				
2N2877	TO-111	80	50	8	20	60	1	10	5	2	5	150	30	PG2265
2N2878	TO-111	80	50	8	40	120	1	15	5	2	5	150	30	PG2266
2N2879	TO-111	100	70	8	20	60	1	10	5	2	5	150	30	PG2267
2N2880	TO-111	100	70	8	40	120	1	15	5	2	5	150	30	PG2268
2N3998	TO-111	100	80	8	40	120	1	15	5	2	5	150	30	PG2269
2N3999	TO-111	100	80	8	80	240	1	20	5	2	5	150	30	PG2270
PG1250	TO-111	120	90	8	20	60	1	10	5	2	5	150	30	PG2250
PG1251	TO-111	120	90	8	40	120	1	15	5	2	5	150	30	PG2251
PG1252	TO-111	120	90	8	100	300	1	20	5	2	5	150	30	PG2252
PG1253	TO-111	50	30	6	20	60	1			.5	1	150	30	PG2253
PG1254	TO-111	70	50	6	20	60	1			.5	1	150	30	PG2254
PG1255	TO-111	90	70	6	20	60	1			.5	1	150	30	PG2255
PG1256	TO-111	120	90	6	20	60	1			.5	1	150	30	PG2256
PG1257	TO-111	50	30	6	40	120	1			.5	1	150	30	PG2257
PG1258	TO-111	70	50	6	40	120	1			.5	1	150	30	PG2258
PG1259	TO-111	90	70	6	40	120	1			.5	1	150	30	PG2259
PG1260	TO-111	120	90	6	40	120	1			.5	1	150	30	PG2260
PG1261	TO-111	50	30	6	100	300	1			.5	1	150	30	PG2261
PG1262	TO-111	70	50	6	100	300	1			.5	1	150	30	PG2262
PG1263	TO-111	90	70	6	100	300	1			.5	1	150	30	PG2263
PG1264	TO-111	120	90	6	100	300	1			.5	1	150	30	PG2264

MAXIMUM SAFE OPERATING AREA



NORMALIZED h_{FE} Vs I_C



PG--0110-8x