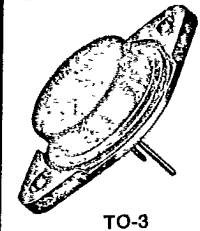


20 AMP/NPN

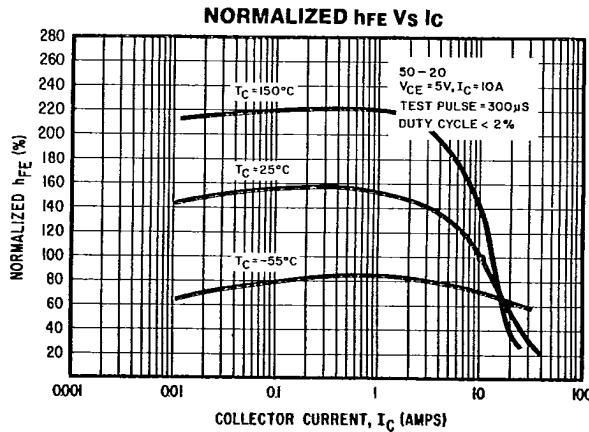
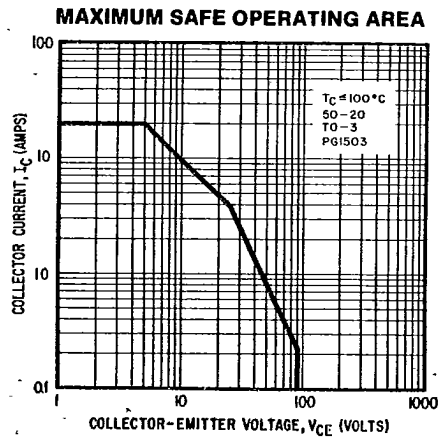
Pirgo Silicon Planar Power Transistors

20 AMP
90 VOLT
100 WATT
40 MHz
TO-3



- Linear h_{FE} from 50 mA to 20 amps
- High frequency $f_t = 40$ MHz (typical)
- Low saturation voltage at maximum collector current
- 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
					Min	Max	@ I_{cA}	Min	@ I_{cA}	Max	@ I_{cA}			
PG1500	TO-3	60	30	8	40	120	10	10	20	1.5	20	700	100	
PG1501	TO-3	80	50	8	40	120	10	10	20	1.5	20	700	100	
PG1502	TO-3	100	70	8	40	120	10	10	20	1.5	20	700	100	
PG1503	TO-3	100	90	8	40	120	10	10	20	1.5	20	700	100	
PG1504	TO-3	60	30	8	20	60	10	5	20	2.0	20	700	100	
PG1505	TO-3	80	50	8	20	60	10	5	20	2.0	20	700	100	
PG1506	TO-3	100	70	8	20	60	10	5	20	2.0	20	700	100	
PG1507	TO-3	100	90	8	20	60	10	5	20	2.0	20	700	100	
PG1508	TO-3	60	30	8	100	300	10	15	20	1.5	20	700	100	
PG1509	TO-3	80	50	8	100	300	10	15	20	1.5	20	700	100	
PG1510	TO-3	100	70	8	100	300	10	15	20	1.5	20	700	100	
PG1511	TO-3	120	90	8	100	300	10	15	20	1.5	20	700	100	
PG1512	TO-3	60	30	6	20	60	10			.7	10	700	100	
PG1513	TO-3	80	50	6	20	60	10			.7	10	700	100	
PG1514	TO-3	100	70	6	20	60	10			.7	10	700	100	
PG1515	TO-3	100	90	6	20	60	10			.7	10	700	100	
PG1516	TO-3	60	30	6	40	120	10			.7	10	700	100	
PG1517	TO-3	80	50	6	40	120	10			.7	10	700	100	
PG1518	TO-3	100	70	6	40	120	10			.7	10	700	100	
PG1519	TO-3	100	90	6	40	120	10			.7	10	700	100	
PG1520	TO-3	60	30	6	100	300	10			.7	10	700	100	
PG1521	TO-3	80	50	6	100	300	10			.7	10	700	100	
PG1522	TO-3	100	70	6	100	300	10			.7	10	700	100	
PG1523	TO-3	100	90	6	100	300	10			.7	10	700	100	



PG-0110-17x