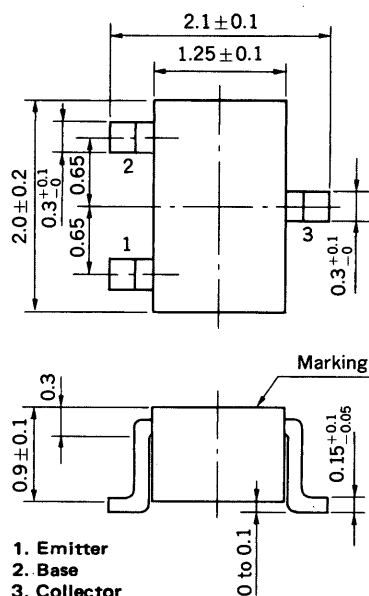
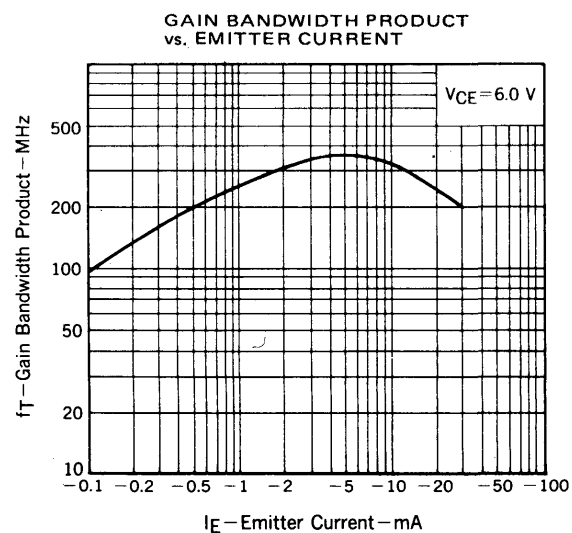
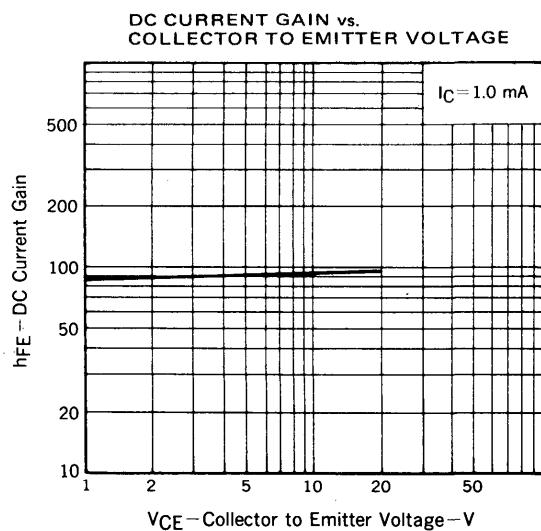
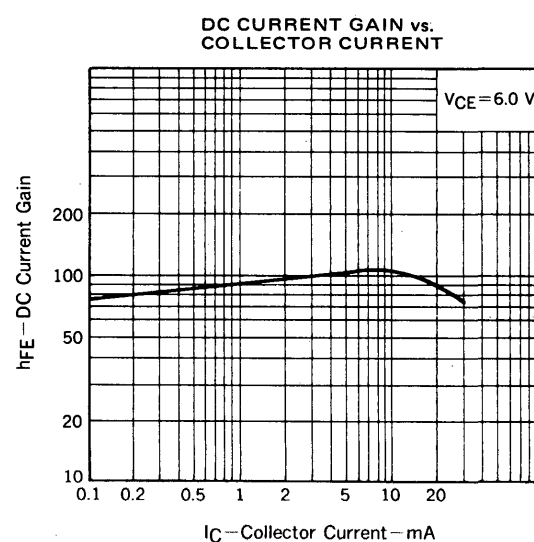
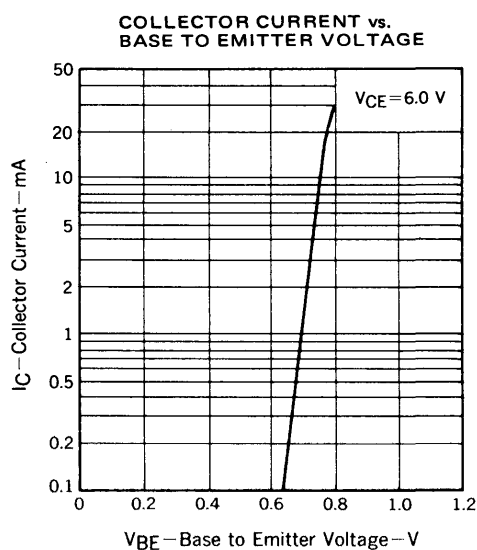
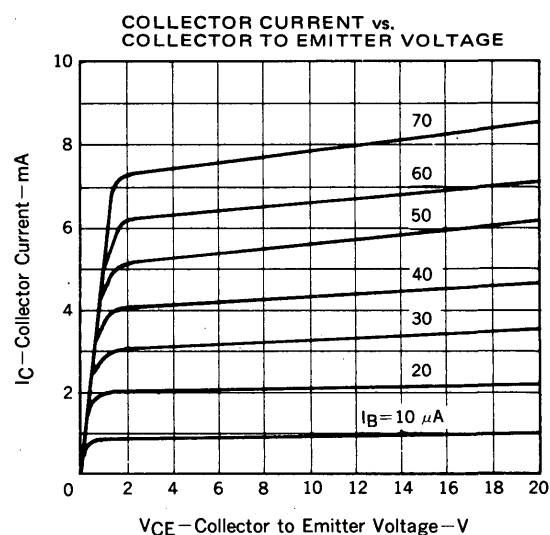
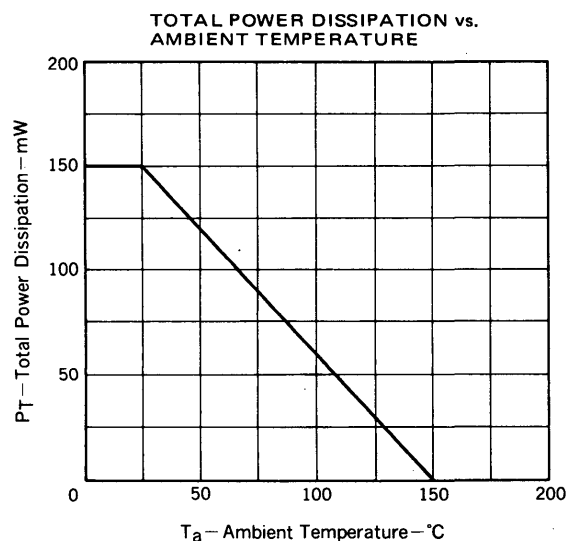
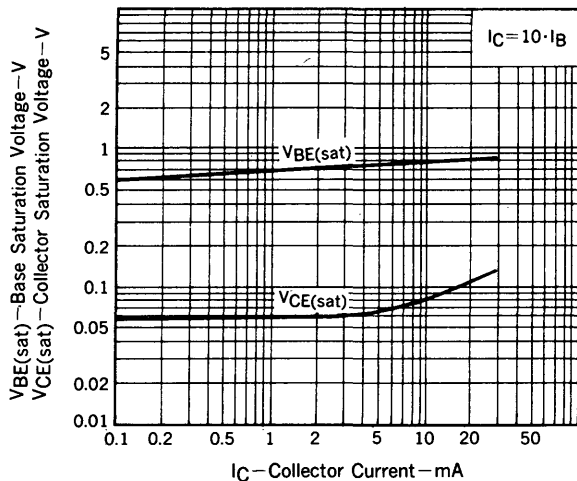


FM/AM RF AMPLIFIER, MIXER, OSCILLATOR, CONVERTER
NPN SILICON EPITAXIAL TRANSISTOR

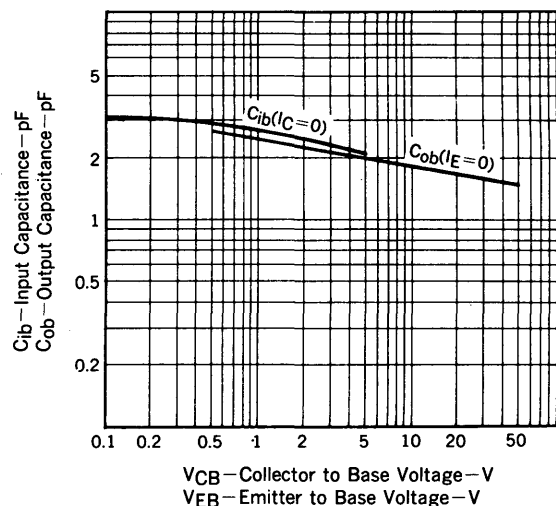


TYPICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

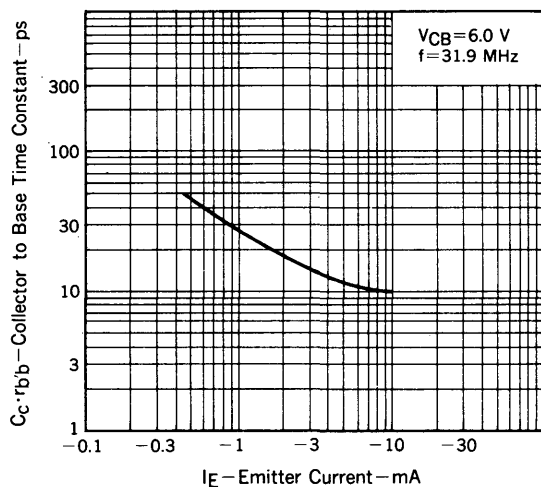
COLLECTOR AND BASE SATURATION VOLTAGE vs. COLLECTOR CURRENT



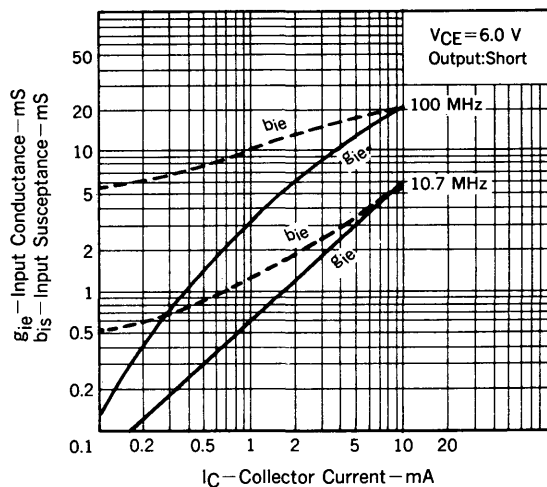
OUTPUT AND INPUT CAPACITANCE vs. REVERSE VOLTAGE



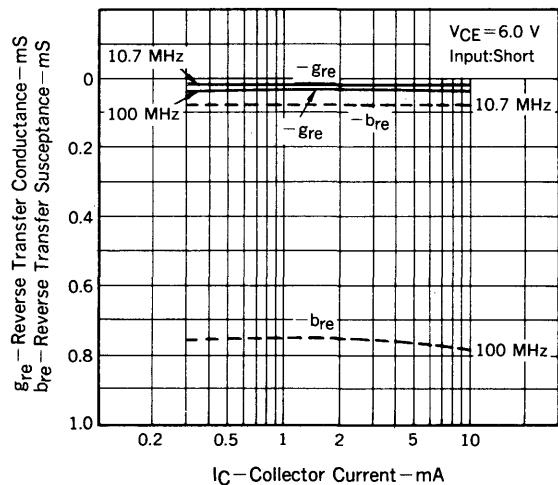
COLLECTOR TO BASE TIME CONSTANT vs. EMITTER CURRENT



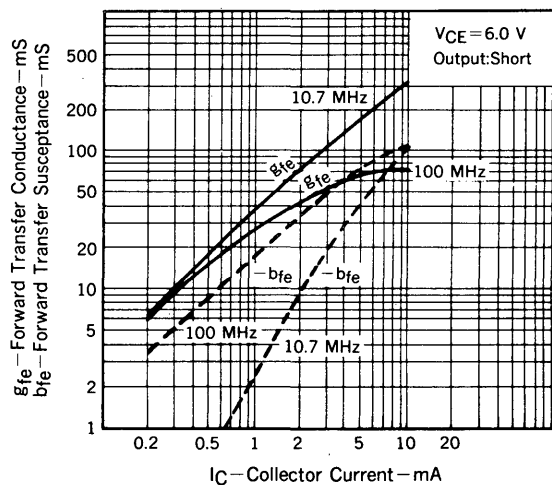
INPUT ADMITTANCE (y_{ie}) vs. COLLECTOR CURRENT

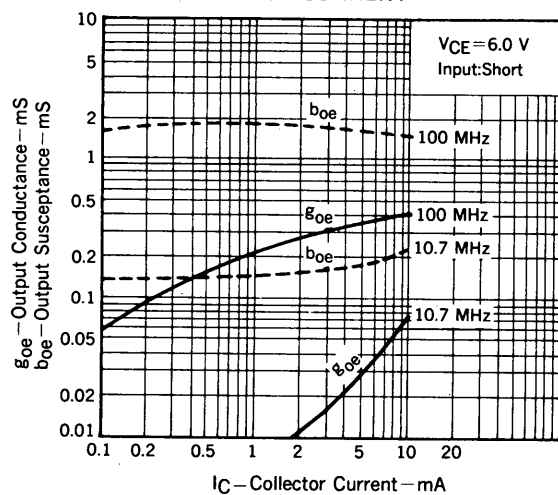
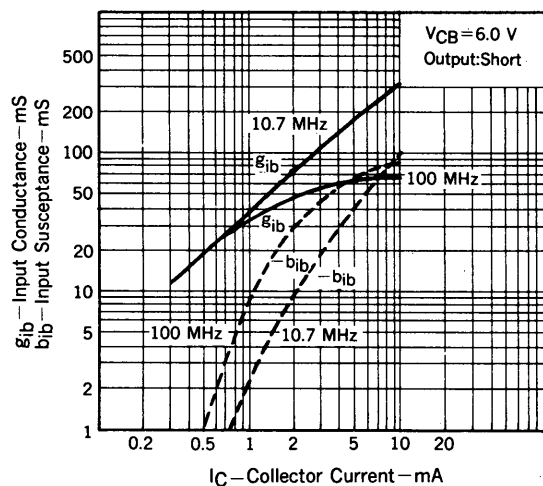
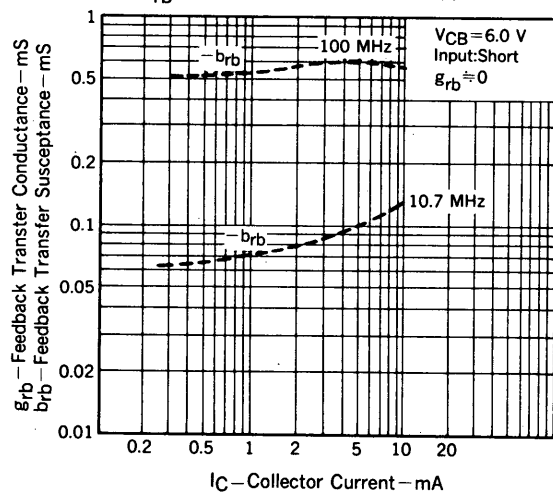


REVERSE TRANSFER ADMITTANCE (y_{re}) vs. COLLECTOR CURRENT



FORWARD TRANSFER ADMITTANCE (y_{fe}) vs. COLLECTOR CURRENT



OUTPUT ADMITTANCE (y_{oe}) vs.
COLLECTOR CURRENTINPUT ADMITTANCE (y_{ib}) vs.
COLLECTOR CURRENTREVERSE TRANSFER ADMITTANCE
(y_{rb}) vs. COLLECTOR CURRENTFORWARD TRANSFER ADMITTANCE
(y_{fb}) vs. COLLECTOR CURRENT