

Type Designator: BC147

Material of Transistor: Si

Polarity: NPN

Maximum Collector Power Dissipation (P_c): 0.25 W

Maximum Collector-Base Voltage $|V_{cb}|$: 50 V

Maximum Collector-Emitter Voltage $|V_{ce}|$: 45 V

Maximum Emitter-Base Voltage $|V_{eb}|$: 6 V

Maximum Collector Current $|I_c \text{ max}|$: 0.2 A

Max. Operating Junction Temperature (T_j): 125 °C

Transition Frequency (f_t): 150 MHz

Collector Capacitance (C_c): 5 pF

Forward Current Transfer Ratio (h_{FE}), MIN: 110

Noise Figure, dB: -

Package: X09