

Type Designator: BC148

Material of Transistor: Si

Polarity: NPN

Maximum Collector Power Dissipation ( $P_c$ ): 0.25 W

Maximum Collector-Base Voltage  $|V_{cb}|$ : 30 V

Maximum Collector-Emitter Voltage  $|V_{ce}|$ : 20 V

Maximum Emitter-Base Voltage  $|V_{eb}|$ : 5 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