

Type Designator: 2SD72

Material of Transistor: Ge

Polarity: NPN

Maximum Collector Power Dissipation ( $P_c$ ): 0.21 W

Maximum Collector-Base Voltage  $|V_{cb}|$ : 25 V

Maximum Collector-Emitter Voltage  $|V_{ce}|$ : 25 V

Maximum Emitter-Base Voltage  $|V_{eb}|$ : 12 V

Maximum Collector Current  $|I_c \text{ max}|$ : 0.6 A

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

Transition Frequency ( $f_t$ ): 0.3 MHz

Forward Current Transfer Ratio ( $h_{FE}$ ), MIN: 60

Noise Figure, dB: -

Package: **TO1**