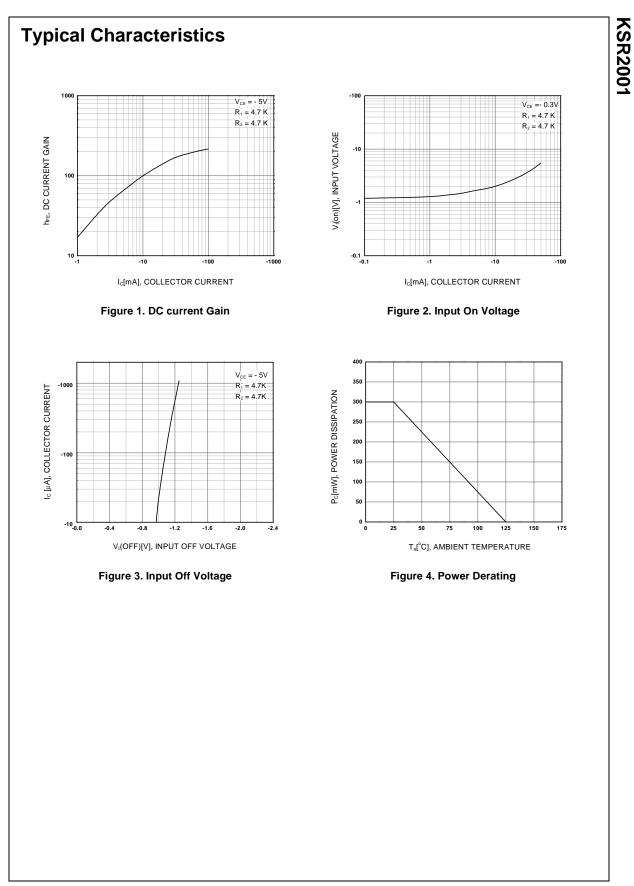
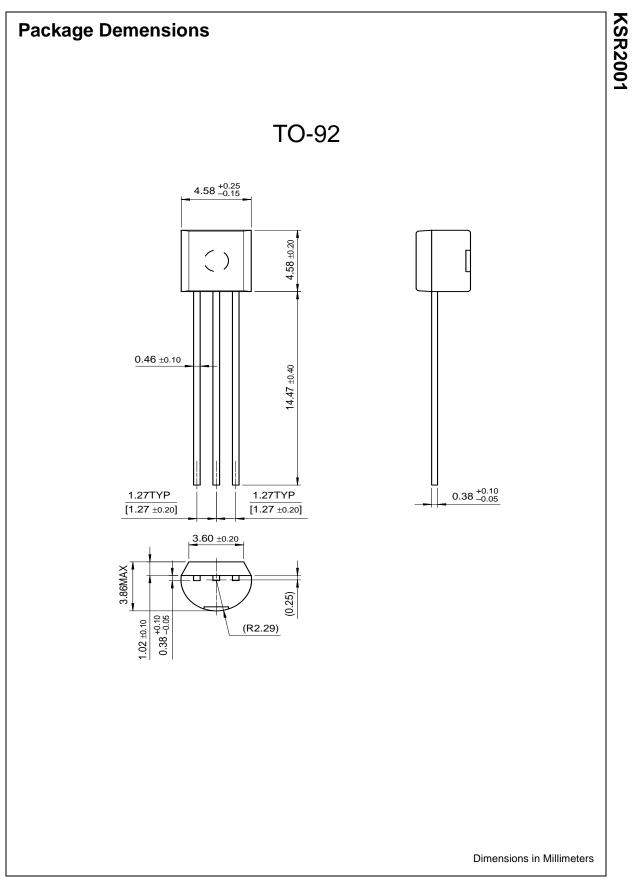


Symbol Parameter **Test Condition** Min. Тур. Max. Units Collector-Base Breakdown Voltage $I_{C} = -10\mu A, I_{F} = 0$ -50 V BV_{CBO} $\mathsf{BV}_{\mathsf{CEO}}$ Collector-Emitter Breakdown Voltage I_C= -100μA, I_B=0 -50 V Collector Cut-off Current V_{CB} = -40V, I_{E} =0 I_{CBO} -0.1 μΑ h_{FE} DC Current Gain V_{CE} = -5V, I_{C} = -10mA 20 Collector-Emitter Saturation Voltage I_C= -10mA, I_B= -0.5mA V V_{CE}(sat) -0.3 Current Gain Bandwidth Product $V_{CE} = -5mA, I_C = -10V$ 200 MHz f_T C_{ob} pF **Output Capacitance** V_{CB}= -10V, I_E=0 5.5 f=1.0MHz V_I(off) Input Off Voltage V_{CE} = -5V, I_{C} = -100 μ A -0.5 V V_{CE}= -0.3V, I_C= -20mA V V_I(on) Input On Voltage -3 Input Resistor KΩ R_1 3.2 4.7 6.2 Resistor Ratio R_1/R_2 0.9 1 1.1



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Definition of Terms

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