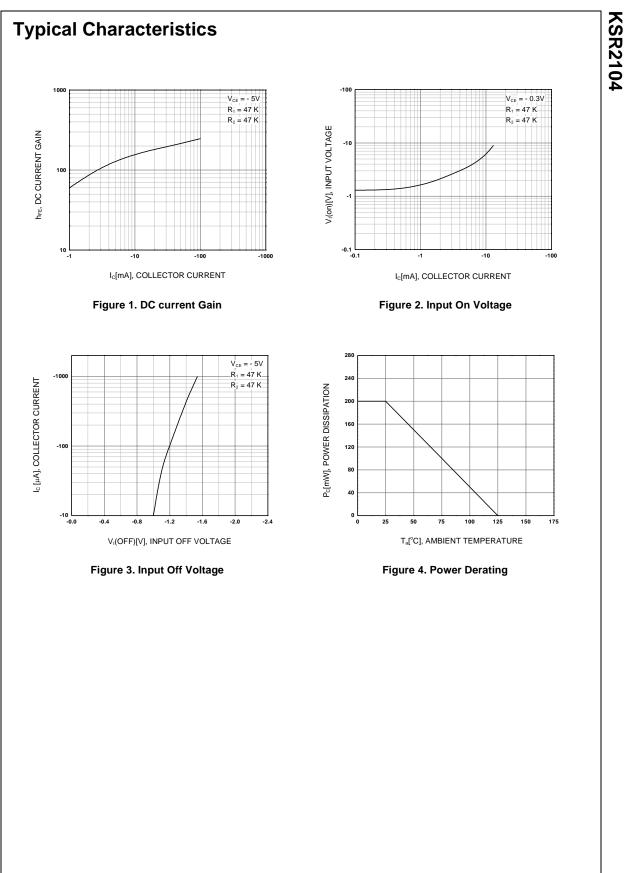


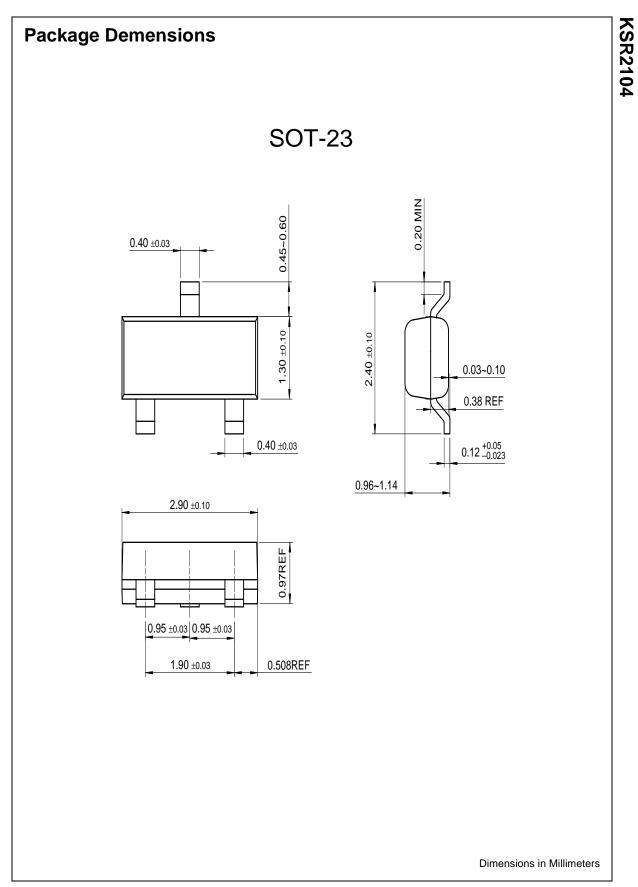
Electrical Characteristics T_a=25°C unless otherwise noted

| Symbol | Parameter | Test Condition | Min. | Тур. | Max. | Units |
|-----------------------|--------------------------------------|---|------|------|------|-------|
| BV _{CBO} | Collector-Base Breakdown Voltage | I _C = -10μΑ, I _E =0 | -50 | | | V |
| BV _{CEO} | Collector-Emitter Breakdown Voltage | I _C = -100μΑ, I _B =0 | -50 | | | V |
| I _{CBO} | Collector Cutoff Current | V _{CB} = -40V, I _E =0 | | | -0.1 | μA |
| h _{FE} | DC Current Gain | V _{CE} = -5V, I _C = -5mA | 68 | | | |
| V _{CE} (sat) | Collector-Emitter Saturation Voltage | I _C = -10mA, I _B = -0.5mA | | | -0.3 | V |
| f _T | Current Gain Bandwidth Product | V _{CE} = -10V, I _C = -5mA | | 200 | | MHz |
| C _{ob} | Output Capacitance | V _{CB} = -10V, I _E =0 f=1.0MHz | | 5.5 | | pF |
| V _I (off) | Input Off Voltage | V _{CE} = -5V, I _C = -100μA | -0.5 | | | V |
| V _I (on) | Input On Voltage | V _{CE} = -0.3V, I _C = -2mA | | | -3 | V |
| R ₁ | Input Resistor | | 32 | 47 | 62 | KΩ |
| R_1/R_2 | Resistor Ratio | | 0.9 | 1 | 1.1 | |



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Definition of Terms

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|--------------------------|---------------------------|---|--|
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