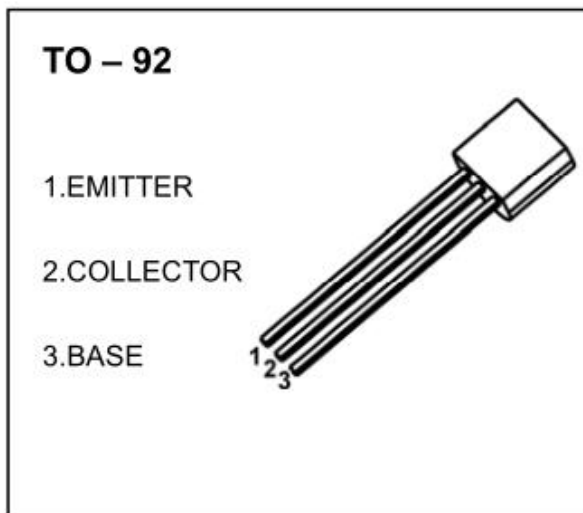


FEATURES

- High Current
Low Voltage
- Minimum Lot-to-Lot variations for robust device performance and reliable operation



ABSOLUTE MAXIMUM RATINGS (T_a=25°C)

| SYMBOL | PARAMETER | VALUE | UNIT |
|---------------------|---|---------|------|
| V _{CB0} | Collector-Base Voltage | -25 | V |
| V _{CEO} | Collector-Emitter Voltage | -20 | V |
| V _{EBO} | Emitter-Base Voltage | -5 | V |
| I _c | Collector Current-Continuous | -1 | A |
| P _c | Collector Power Dissipation | 625 | mW |
| R _{th j-a} | Thermal Resistance, Junction to Ambient | 200 | °C/W |
| T _J | Junction Temperature | 150 | °C |
| T _{stg} | Storage Temperature Range | -55~150 | °C |

isc Silicon PNP Transistor

BC369

ELECTRICAL CHARACTERISTICS

T_c=25°C unless otherwise specified

| SYMBOL | PARAMETER | CONDITIONS | MIN | TYP. | MAX | UNIT |
|----------------------|--------------------------------------|--|-----|------|------|------|
| V _{(BR)EBO} | Emitter-Base Breakdown Voltage | I _E = -10 μ A; I _C = 0 | -5 | | | V |
| V _{(BR)CEO} | Collector-Emitter Breakdown Voltage | I _C = -10mA; I _B = 0 | -20 | | | V |
| V _{(BR)CBO} | Collector-Base Breakdown Voltage | I _C =-0.1mA; I _E = 0 | -25 | | | V |
| V _{CE(sat)} | Collector-Emitter Saturation Voltage | I _C = -1A ; I _B = -0.1A | | | -0.5 | V |
| V _{BE(on)} | Base-Emitter On Voltage | I _C = -1A ; V _{CE} = -1V | | | -1.0 | V |
| I _{EBO} | Emitter Cutoff Current | V _{EB} = -5V; I _C = 0 | | | 10 | μ A |
| I _{CBO} | Collector Cutoff Current | V _{CB} = -25V; I _E = 0 | | | 10 | μ A |
| h _{FE-1} | DC Current Gain | I _C = -0.5A ; V _{CE} = -1V | 85 | | 375 | |
| h _{FE-2} | DC Current Gain | I _C = -5mA ; V _{CE} = -10V | 50 | | | |
| h _{FE-3} | DC Current Gain | I _C = -1A ; V _{CE} = -1V | 60 | | | |

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