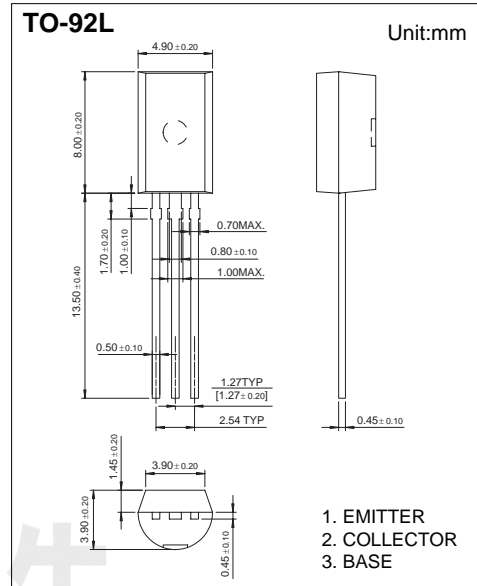


Transistor

PNP Transistors 2SA928A

■ Features

- Collector Dissipation $P_c=1W$
- 3W Output Application
- Complementary to 2SC2328A



■ Absolute Maximum Ratings $T_a = 25^\circ C$

| Parameter | Symbol | Rating | Unit |
|--------------------------------|-----------|------------|------|
| Collector - Base Voltage | V_{CB0} | -30 | V |
| Collector - Emitter Voltage | V_{CE0} | -30 | |
| Emitter - Base Voltage | V_{EB0} | -5 | |
| Collector Current - Continuous | I_C | -2 | A |
| Collector Power Dissipation | P_C | 1 | W |
| Junction Temperature | T_J | 150 | °C |
| Storage Temperature | T_{sig} | -55 to 150 | |

Transistor

PNP Transistors 2SA928A

■ Electrical Characteristics Ta = 25°C

| Parameter | Symbol | Testconditions | Min | Typ | Max | Unit |
|--------------------------------------|----------------------|--|-----|-----|------|------|
| Collector- base breakdown voltage | V _{CB0} | I _C = -100 μA, I _E =0 | -30 | | | V |
| Collector- emitter breakdown voltage | V _{CE0} | I _C = -1 mA, I _B =0 | -30 | | | |
| Emitter - base breakdown voltage | V _{EB0} | I _E = -1 mA, I _C =0 | -5 | | | |
| Collector cut-off current | I _{CBO} | V _{CB} = -30 V, I _E =0 | | | -0.1 | μA |
| Emitter cut-off current | I _{EBO} | V _{EB} = -5V, I _C =0 | | | -0.1 | |
| Collector-emitter saturation voltage | V _{CE(sat)} | I _C =-1.5 A, I _B = -30mA | | | -2 | V |
| Base - emitter saturation voltage | V _{BE(sat)} | I _C =-1.5 A, I _B = -30mA | | | -1.5 | |
| Base-emitter on voltage | V _{BE(on)} | V _{CE} = -2V, I _C = -500mA | | | -1 | |
| DC current gain | h _{FE} | V _{CE} = -2V, I _C = -500mA | 100 | | 320 | |
| Output capacitance | C _{ob} | V _{CB} =-10V, I _E =0, f=1MHz | | 48 | | pF |
| Transition frequency | f _T | V _{CE} = -2V, I _C = -500mA | | 120 | | MHz |

■ Classification of hFE

| Rank | O | Y |
|-------|---------|---------|
| Range | 100-200 | 160-320 |

Transistor

PNP Transistors 2SA928A

Typical Characteristics

