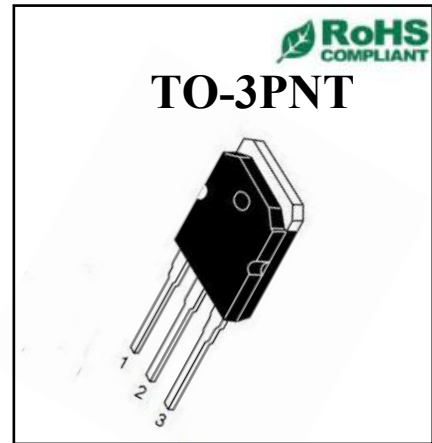


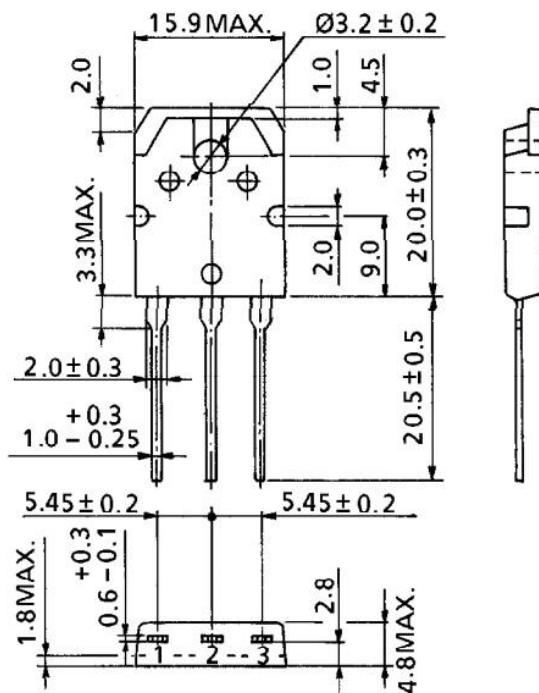
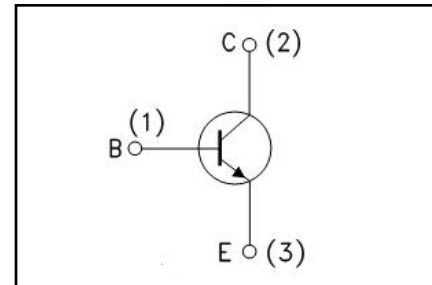
◆ **Features:**

- ◇ High efficiency, low deviation
高效率, 低偏差
- ◇ Small input impedance, low consumption of power
输入阻抗小, 功耗低
- ◇ Resistant of high temperature, high humidity
抗高温、高湿
- ◇ Good stability, reliability
稳定性好, 可靠性高



◆ **Applications**

- ◇ Audio amplifier
音频放大器
- ◇ Switching applications
开关应用
- ◇ Complement to Type OSC4467(PNP)
与 OSC4467(PNP)互补应用
- ◇ Recommend for 120W high fidelity audio frequency amplifier output stage applications
推荐用于 120W 高保真音频放大器输出级应用



◆ Absolute Maximum Ratings (Tc=25°C)

| Symbol | Parameters | Ratings | Unit |
|----------------|--|------------|------|
| VCBO | Collector-Base Voltage 集电极 - 基极电压 | 150 | V |
| VCEO | Collector-Emitter Voltage 集电极 - 发射极电压 | 120 | V |
| VEBO | Emitter-Base Voltage 发射极 - 基极电压 | 7 | V |
| Ic | Collector Current-Continuous 集电极连续电流 | 11 | A |
| I _B | Base Current-Continuous 基极连续电流 | 1 | A |
| PC | Collector Power Dissipation 耗散功率 | 120 | W |
| T _j | Max.Operating junction temperature 最大结温 | 150 | °C |
| Tstg | Storage Temperature 存储温度 | -65 ~ +150 | °C |

◆ Electrical characteristics (T_c=25°C unless otherwise noted)

| Symbol | Parameters | Min | Typ | Max | Units | Conditions |
|----------------------|---|------------|-----|------------|-------|--|
| I _{CBO} | Collector Cutoff Current 集电极截止电流 | -- | -- | 1.0 | μA | V _{CE} =220V, I _B =0 |
| I _{EBO} | Emitter Cutoff Current 发射极截止电流 | -- | -- | 1.0 | μA | V _{EB} =10V, I _C =0 |
| BV _{CEO} | Collector Emitter Sustaining voltage(Note 1) 集电极发射极持续电压 | 150 | -- | -- | V | I _C =50mA, I _B =0 |
| V _{CE(sat)} | Collector Emitter Saturation Voltage(Note 1) 集电极发射极饱和电压 | -- | -- | 1.5 | V | I _C =8A, I _B =0.8A |
| h _{FE} | DC Current Gain(Note 1) 直流电流增益 | 80 | -- | 160 | | I _C =1A, V _{CE} =5V |
| f _T | Current-Gain—Bandwidth 电流增益带宽 | 10 | -- | -- | MHz | V _{CE} =5V, I _C =1A, f=1MHz |

Note 1: Pulse test: PW ≤ 300us , duty cycle ≤ 2%.

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