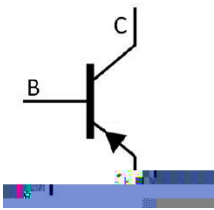


Silicon PNP transistor in a SOT-23 Plastic Package.

High  $h_{FE}$ , complementary pair with 2SC5344S.

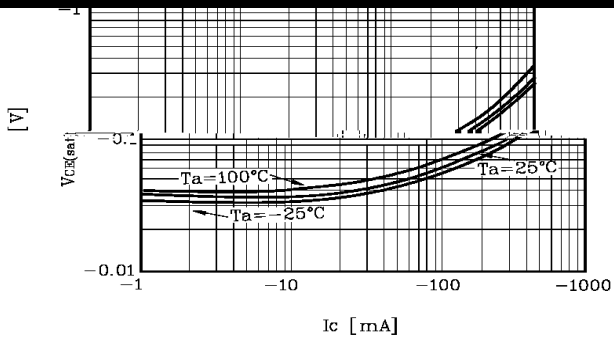
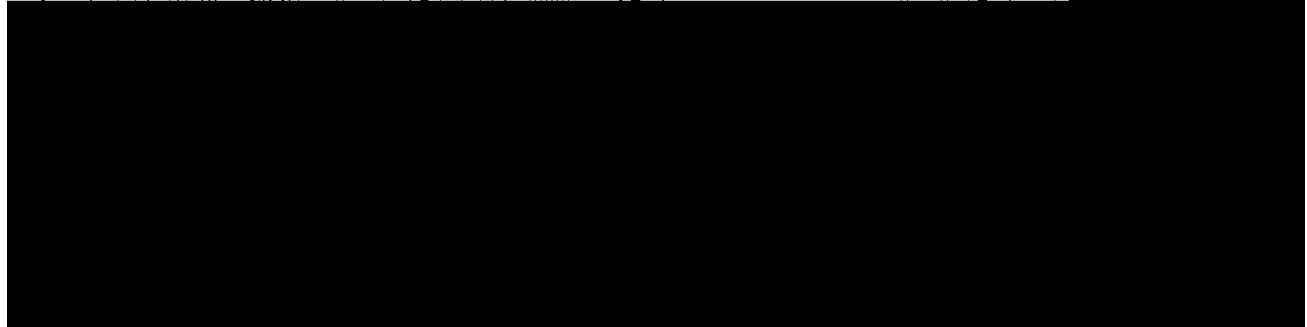
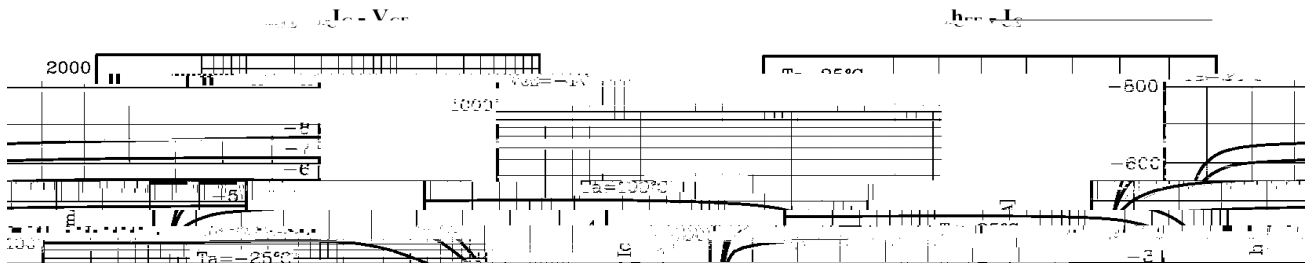
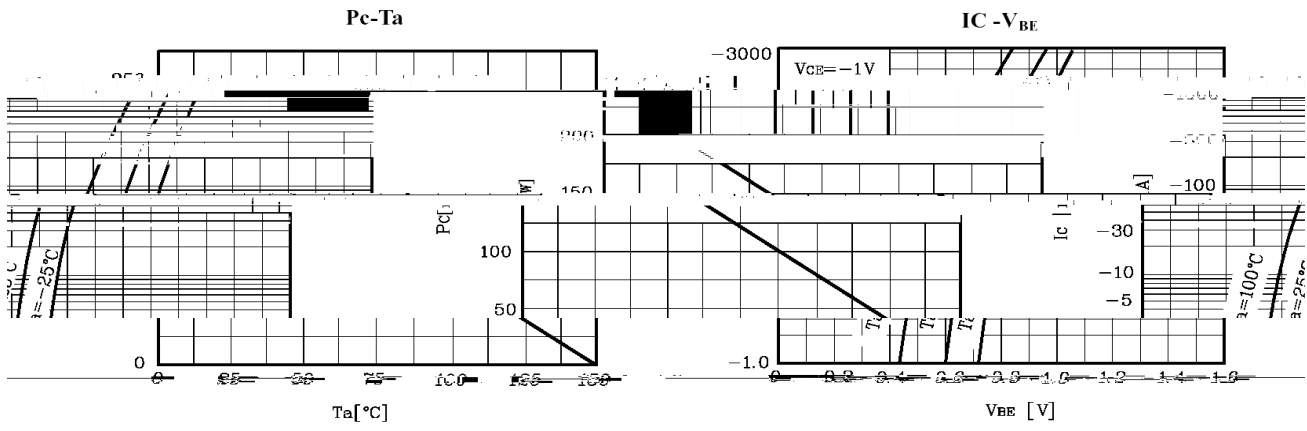
Audio power amplifier application.

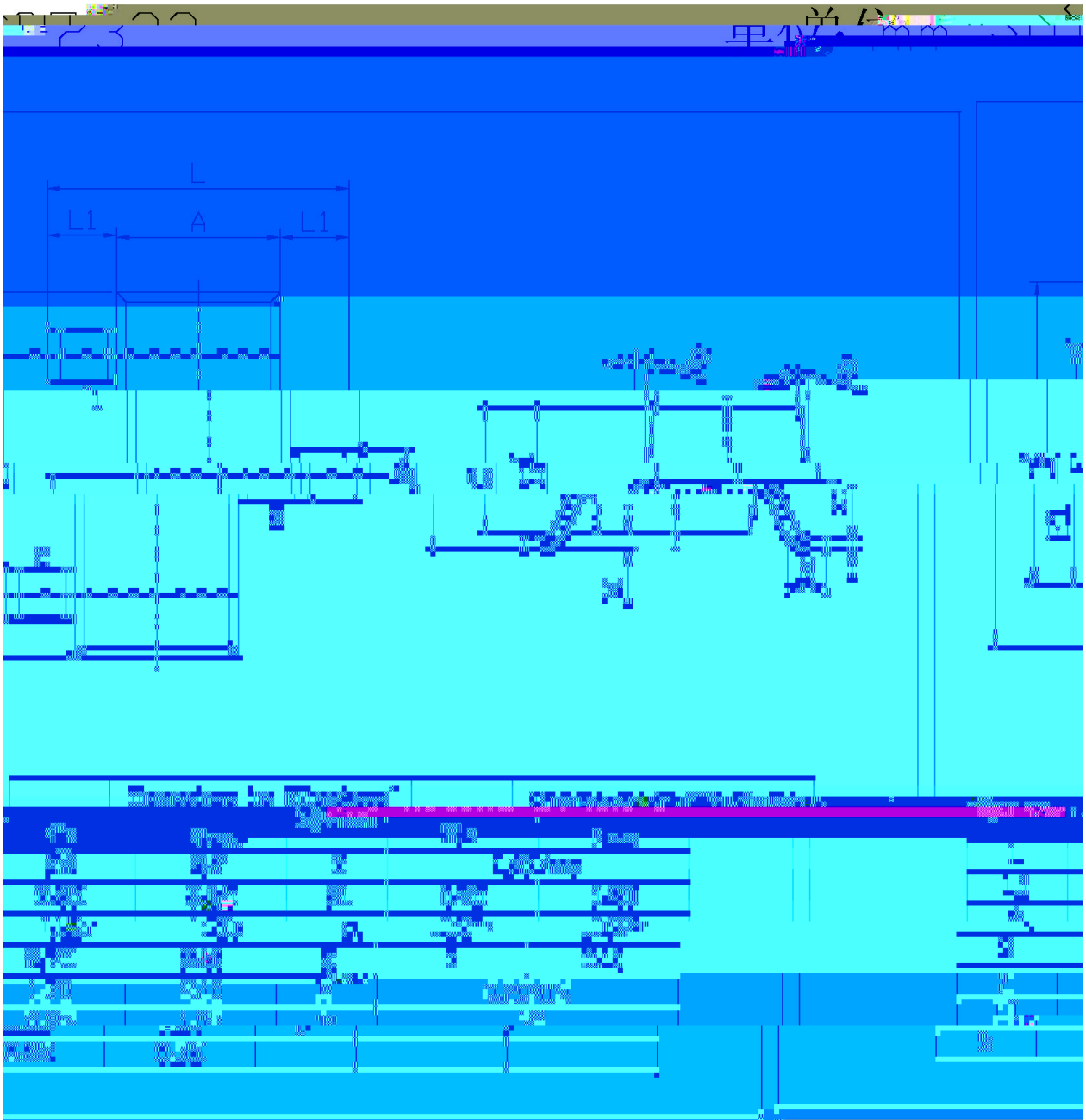


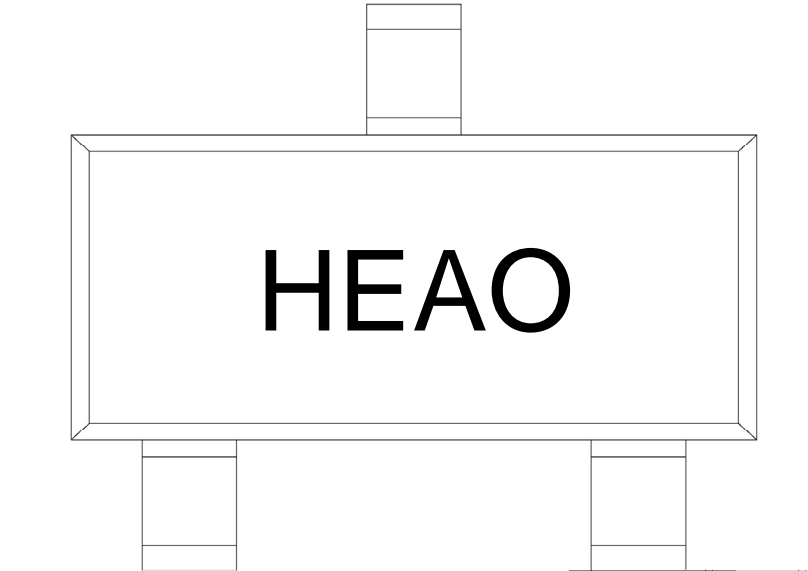
| PIN1 | Base | PIN 2 | Emitter | PIN 3 | Collector |   |   |   |   |   |
|------|------|-------|---------|-------|-----------|---|---|---|---|---|
| 9    | 3    | 2     | 1       | 0     | .         | 5 | 0 | 0 | 1 | 0 |

| Parameter                    | Symbol    | Rating  | Unit |
|------------------------------|-----------|---------|------|
| Collector to Base Voltage    | $V_{CBO}$ | -35     | V    |
| Collector to Emitter Voltage | $V_{CEO}$ | -30     | V    |
| Emitter to Base Voltage      | $V_{EBO}$ | -5.0    | V    |
| Collector Current            | $I_C$     | -800    | mA   |
| Collector Power Dissipation  | $P_C$     | 200     | mW   |
| Junction Temperature         | $T_j$     | 150     |      |
| Storage Temperature Range    | $T_{stg}$ | -55 150 |      |

| Parameter                           | Symbol    | Test Conditions             | Min  | Typ | Max  | Unit    |
|-------------------------------------|-----------|-----------------------------|------|-----|------|---------|
| Collector-Base Breakdown Voltage    | $V_{CBO}$ | $I_C = -500\mu A$ $I_E = 0$ | -35  |     |      | V       |
| Collector-Emitter breakdown Voltage | $V_{CEO}$ | $I_C = -1.0mA$ $I_B = 0$    | -30  |     |      | V       |
| Emitter-Base Breakdown Voltage      | $V_{EBO}$ | $I_E = -50\mu A$ $I_C = 0$  | -5.0 |     |      | V       |
| Collector Cut-Off Current           | $I_{CBO}$ | $V_{CB} = -35V$ $I_E = 0$   |      |     | -0.1 | $\mu A$ |
| Emitter Base Cut-Off Current        | $I_{EBO}$ | $V_{EB} = -5.0V$ $I_C = 0$  |      |     | -0.1 | $\mu A$ |
| DC Current Gain                     | $h_{FE}$  | $V_{CE} = -1.0V$ $I$        |      |     |      |         |







$h_{FE}$

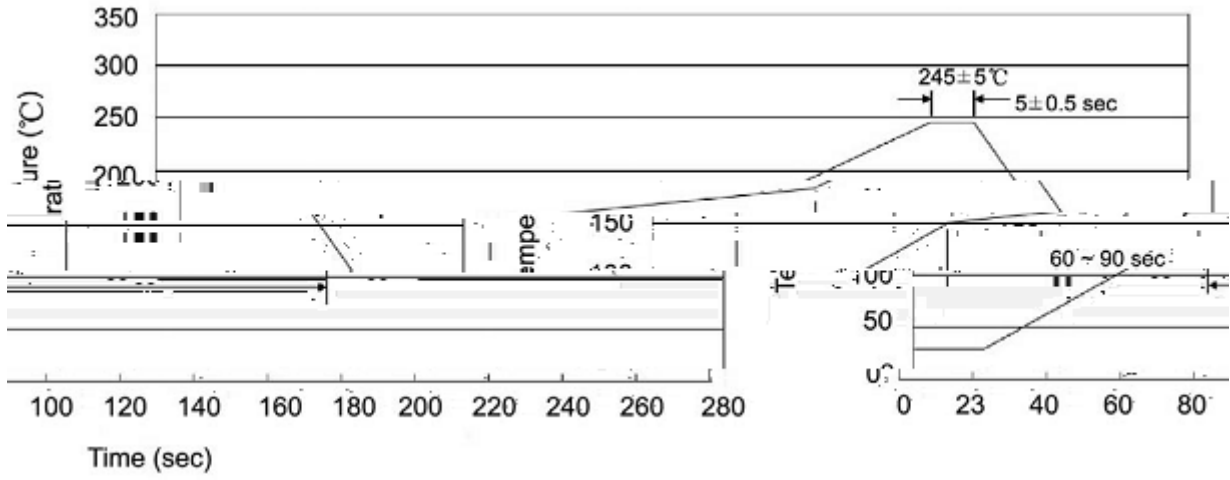
Note:

H: Company Code.

EA: Product Type Code

O:  $h_{FE}$  Classifications Symbol Code

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

1            25   150            60