

/ Descriptions

TO-220F PNP Silicon PNP transistor in a TO-220F Plastic Package.

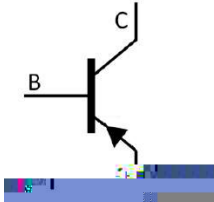
/ Features

h_{FE} f_T 2SC5248
Flat DC current gain characteristics, high breakdown voltage, high f_T , wide SOA, complements the 2SC5248.

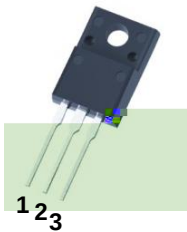
/ Applications

()
High-voltage switching(audio output amplifier transistor, stabilized power supply transistor).

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Collector PIN 3 Emitter

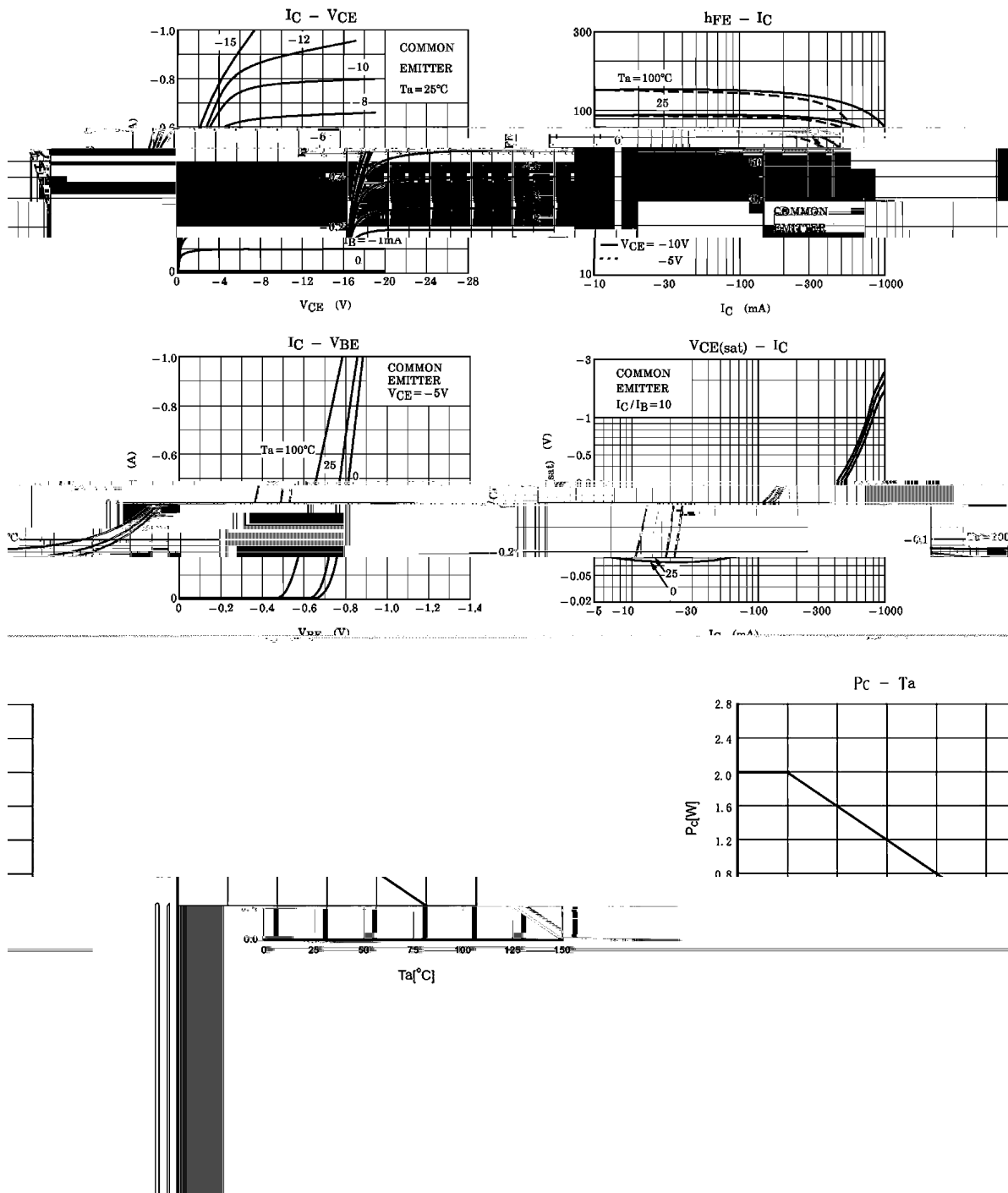
/ h_{FE} Classifications & Marking

h_{FE} Classifications Symbol	D	E
h_{FE} Range	60 120	100 200

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-160	V
Collector to Emitter Voltage	V_{CEO}	-160	V
Emitter to Base Voltage	V_{EBO}	-5.0	V
Collector Current - Continuous	I_C	-1.5	A
Collector Power Dissipation bl			WA

Collector Power Dissipation P_{D4-28} (WA)T JET55.62591928 481.32 0.47998 ref55.625672768 0.48 18.28

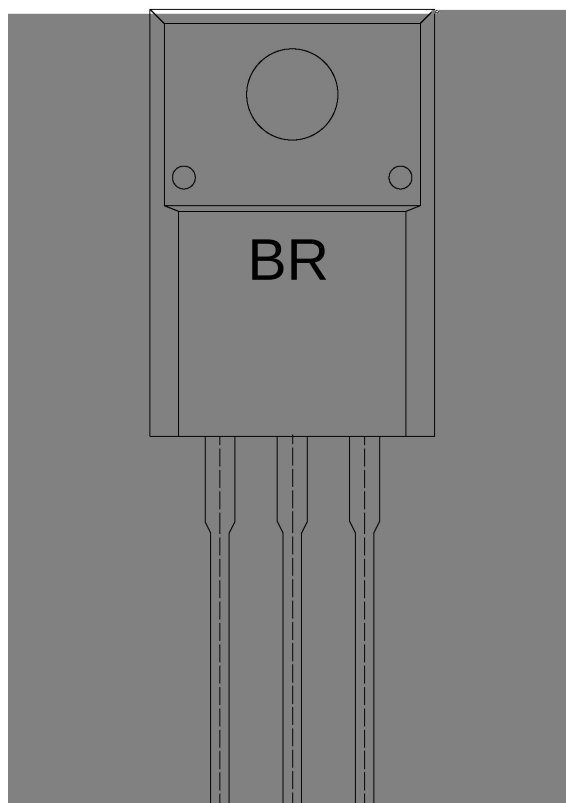
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

A1964

D: h_{FE}

Note:

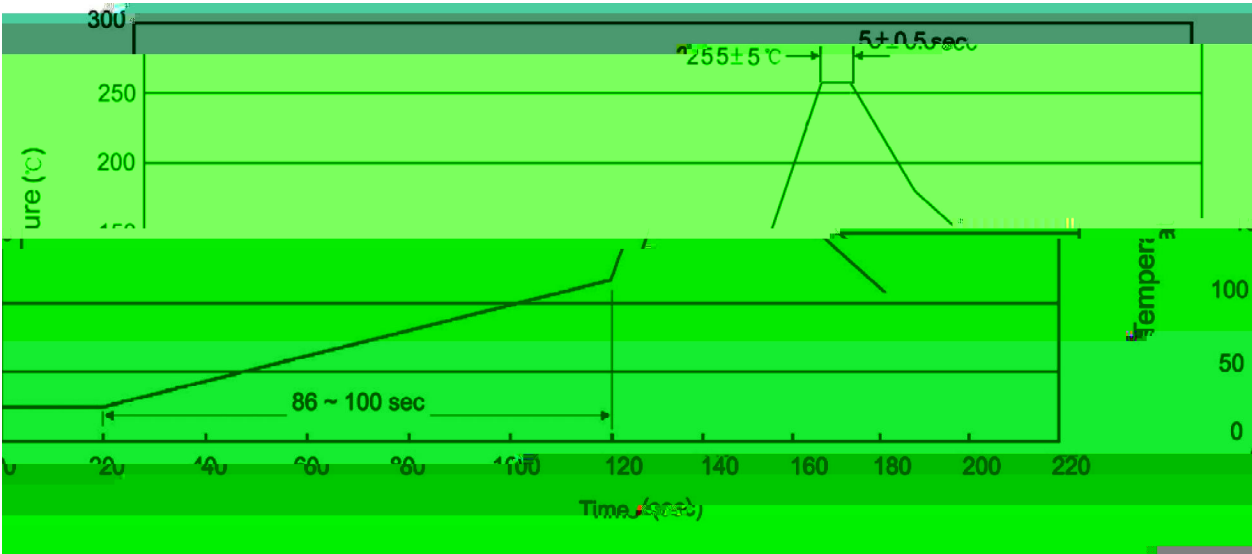
BR: Company Code.

A1964: Product Type.

D: h_{FE} Classifications Symbol

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;
- 2

255±5

5±0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

, Time:60~90sec.
- 2.Peak Temp.:255±5

, Duration:5±0.5sec.
3. Cooling Speed: 2~10

/sec.

/ Resistance to Soldering Heat Test Conditions

270±5

10±1 sec.

Temp.:270±5

Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units					Dimension			(unit mm ³)

/ TUBE

Package Type	Units					Dimension			(unit mm ³)

60AbhI