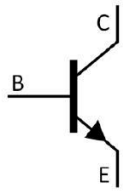
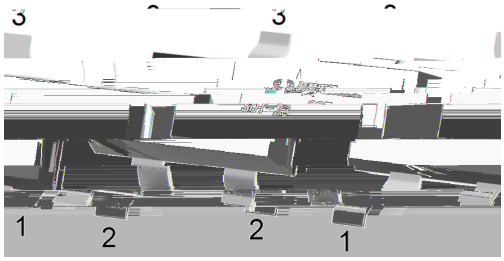
SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

S8550M

Complementary pair with S8550M,HF Product.

Power amplifier applications.



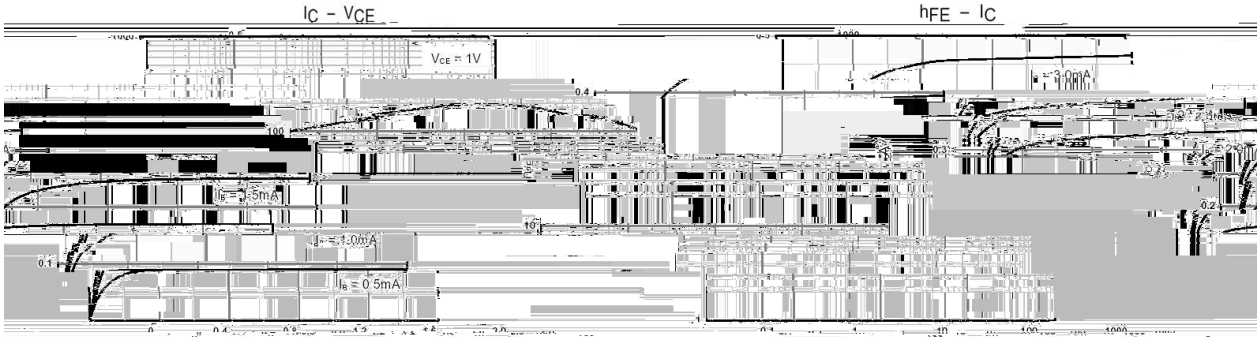



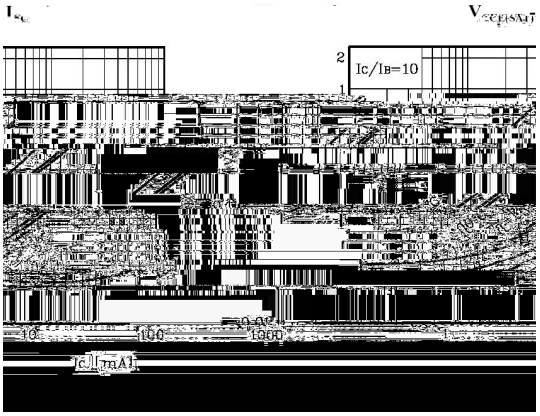

PIN1 Base PIN 2 Emitter PIN 3 Collector

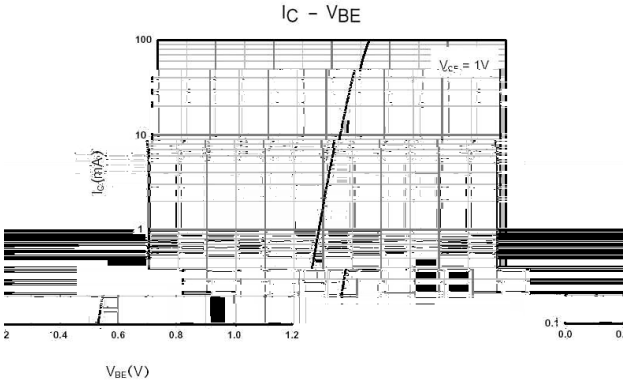
| $h_{FE}$ Classifications Symbol | B | C | D |
|---|---|---|---|
| $h_{FE}$ Range | y | | |

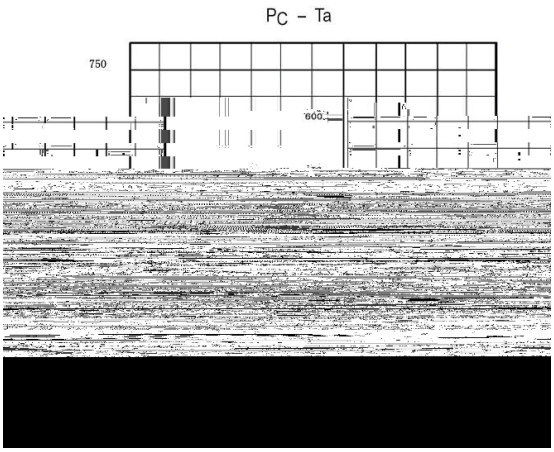
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Collector to B Voltage | $V_{CBO}$ | 40 | V |
| Collector to B r Voltage | $V_{CEO}$ | 25 | V |
| Emitter to Ba ltage | $V_{EBO}$ | 6.0 | V |
| Collector Cur | $I_C$ | 800 | mA |
| Base Current | $I_B$ | 200 | mA |
| Collector Pow issipation | $P_C$ | 200 | mW |
| Junction Tem ture | $T_j$ | 150 | |
| Storage Tem ure Range | $T_{stg}$ | -55 150 | |

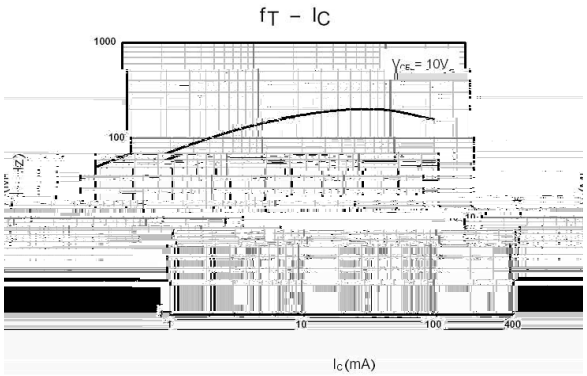
| Par eter | Symbol | Test Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|
| Collector to Bas reakdown Voltage | $V_{CBO}$ | $I_C$=0.1mA | | | | |


IC – VCE
VCE = 1V
IB = 3.0mA
IB = 2.5mA
IB = 2.0mA
IB = 1.5mA
IB = 1.0mA
IB = 0.5mA
VCE(V)
hFE – IC
VCE = 1V
IC(mA)


IC/IB=10
IC(mA)

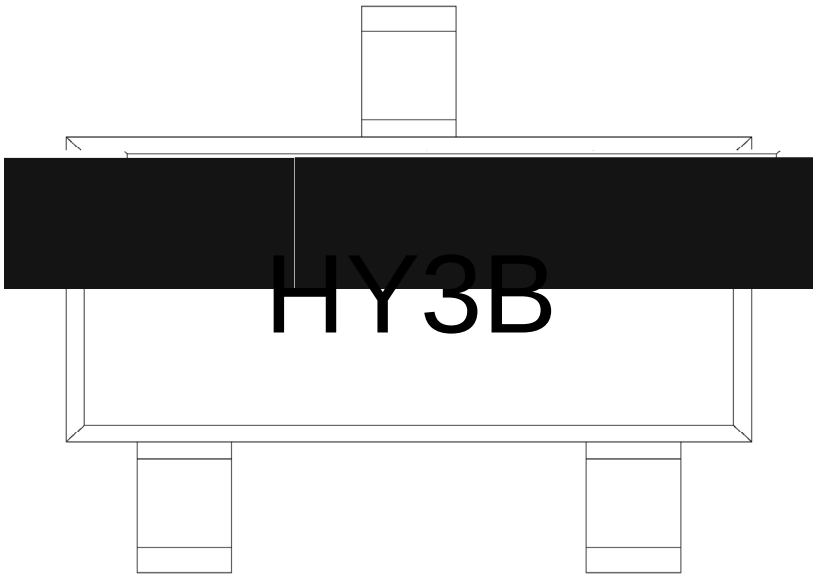

IC – VBE
VCE = 1V
IC(mA)
VBE(V)


PC – Ta
750


fT – IC
VCE = 10V
IC(mA)

SOT-23 单位：mm






H

Y3

B $h_{FE}$

Note:

| | |
|---|---|
| H | Company Code |
| Y3 | Product Type Code |
| B | $h_{FE}$ Classifications Symbol Code |