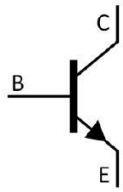
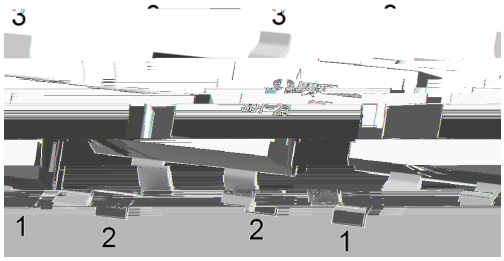
SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

S8550M

Complementary pair with S8550M,HF Product.

Power amplifier applications.



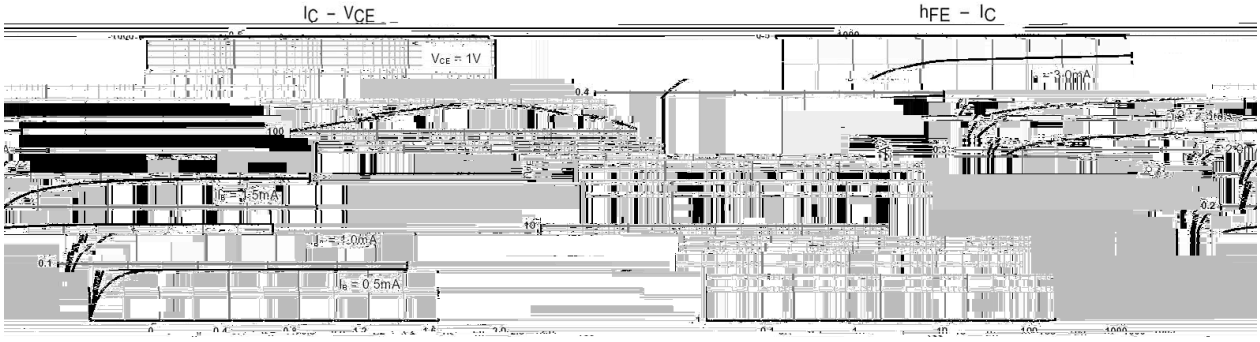


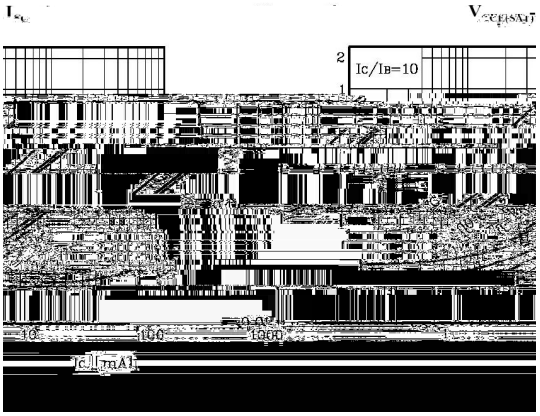
PIN1 Base PIN 2 Emitter PIN 3 Collector

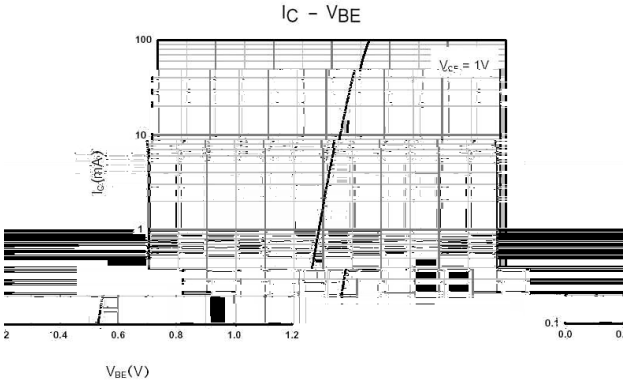
h_{FE} Classifications Symbol	B	C	D
h_{FE} Range	y		

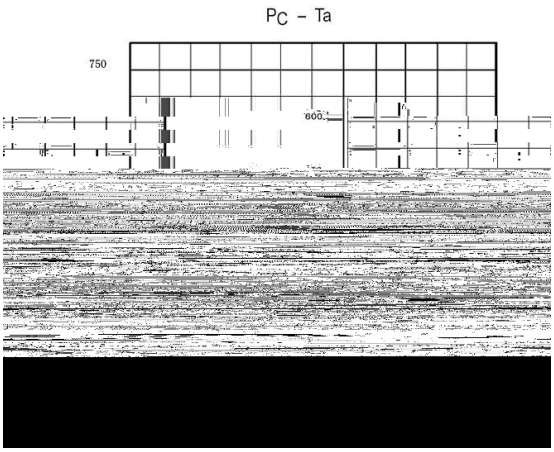
Parameter	Symbol	Rating	Unit
Collector to B Voltage	V_{CBO}	40	V
Collector to B r Voltage	V_{CEO}	25	V
Emitter to Ba ltage	V_{EBO}	6.0	V
Collector Cur	I_C	800	mA
Base Current	I_B	200	mA
Collector Pow issipation	P_C	200	mW
Junction Tem ture	T_j	150	
Storage Tem ure Range	T_{stg}	-55 150	

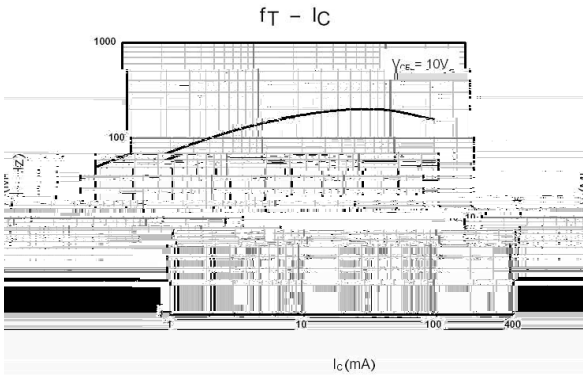
Par eter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Bas reakdown Voltage	V_{CBO}	I_C=0.1mA				


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)

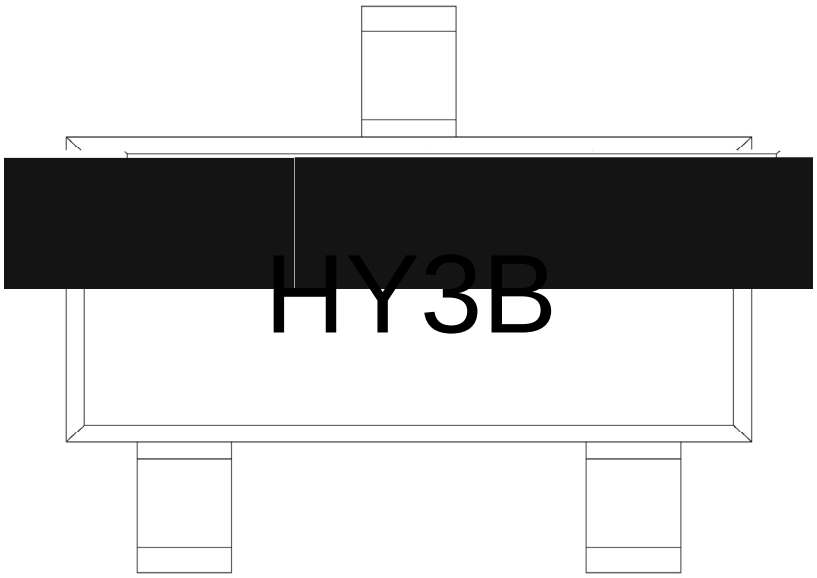

IC – VBE
VCE = 1V
IC(mA)
VBE(V)


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