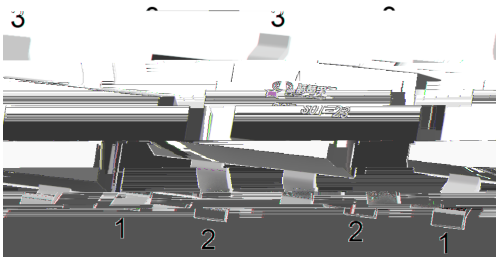


SOT-23 NPN Silicon NPN transistor in a SOT-23 Plastic Package.

S8550M
Complementary pair with S8550M,HF Product.

Power amplifier applications.



PIN1 Base PIN 2 Emitter PIN 3 Collector

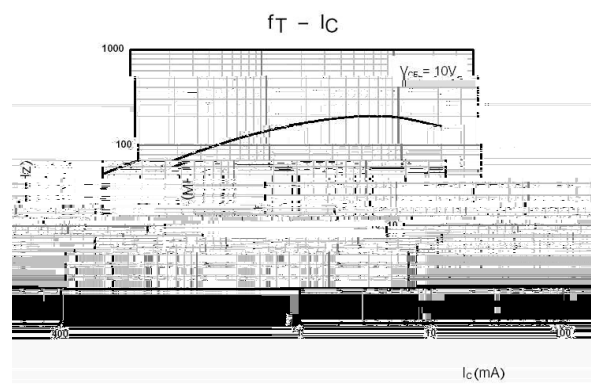
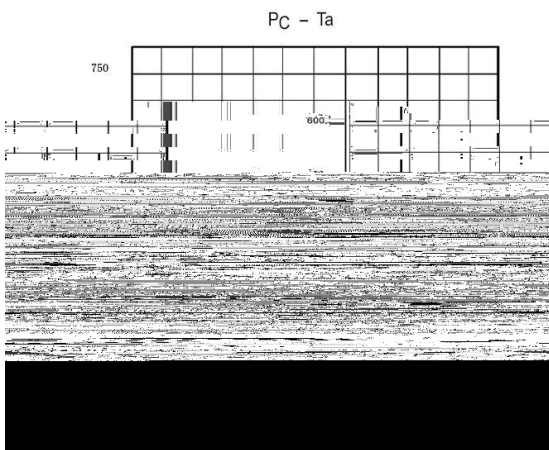
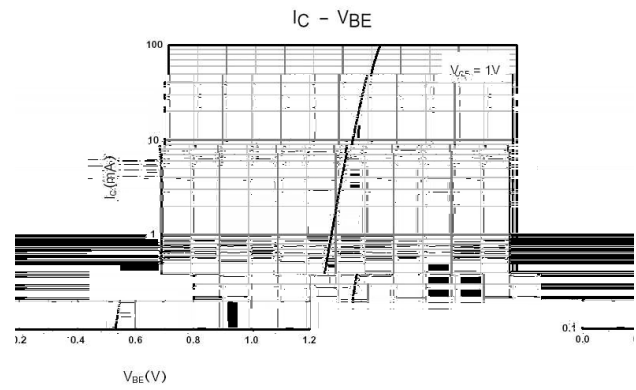
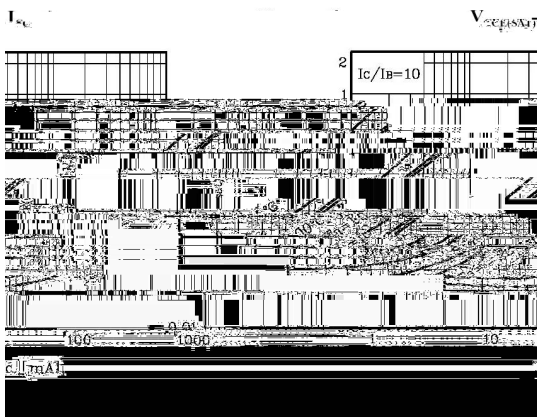
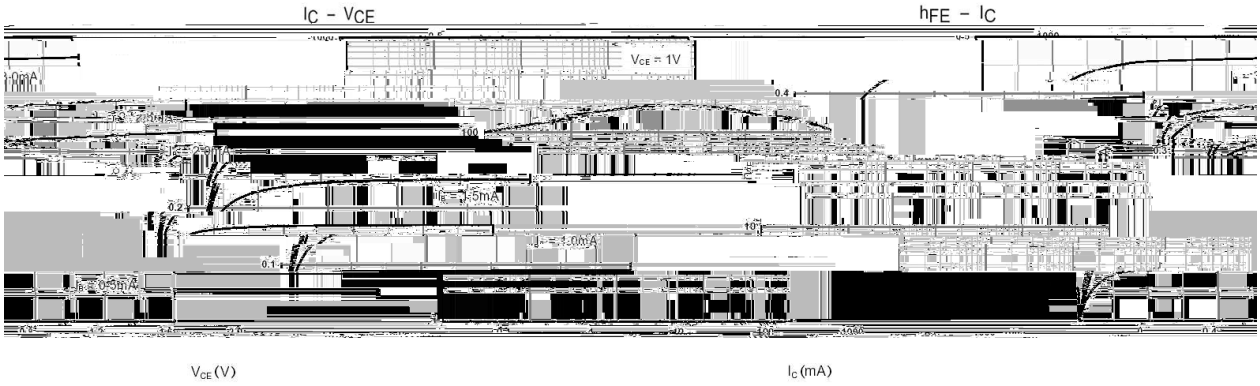
/ hFE Classifications & Marking

hFE Classifications Symbol	B	C	D
hFE Range			

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	40	V
Collector to Emitter Voltage	V_{CEO}	25	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current	I_C	800	mA
Base Current	I_B	200	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 to Base Breakdown Voltage	V_{CBO}	$I_C=0.1mA$				

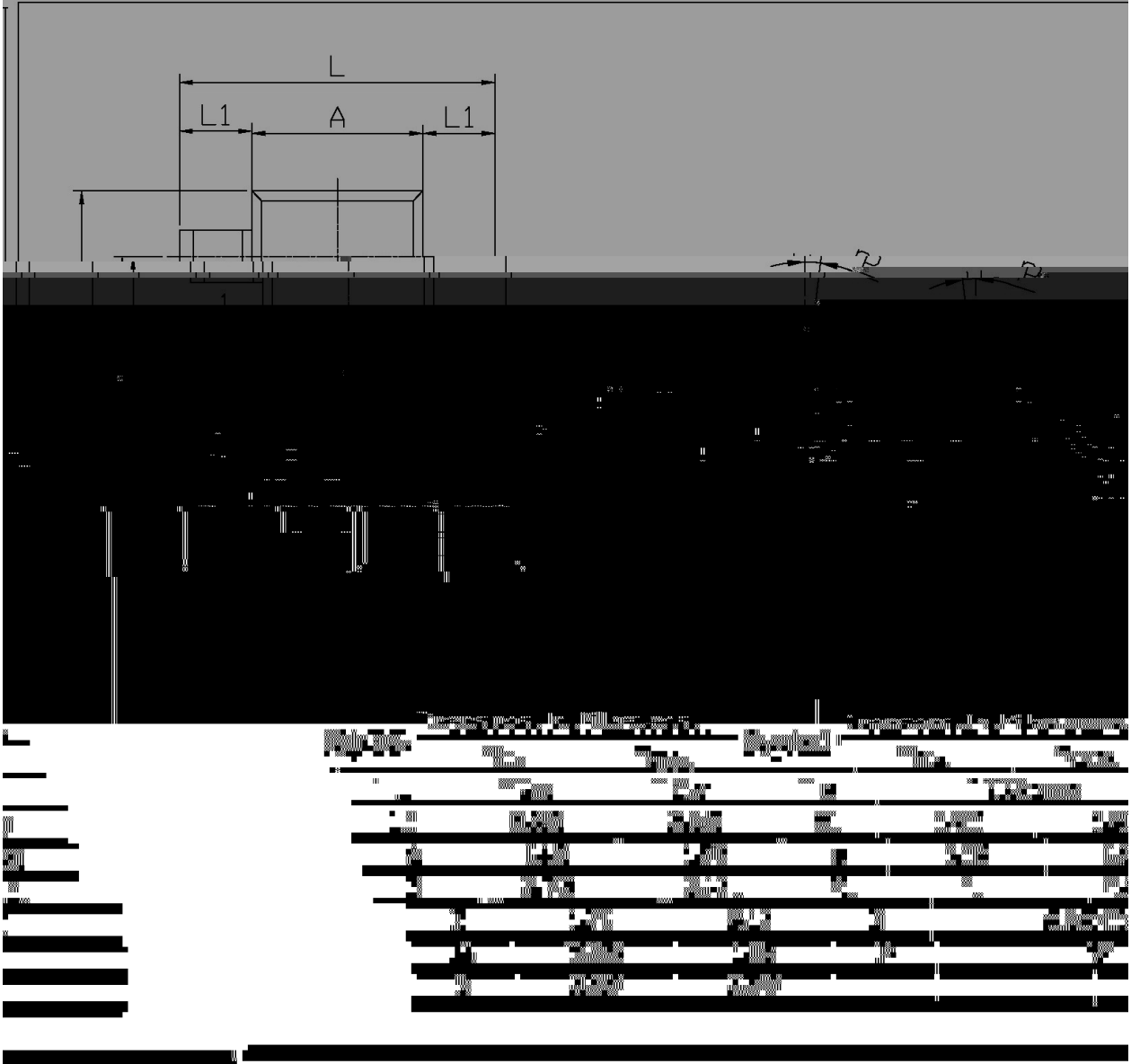
/ Electrical Characteristic Curve



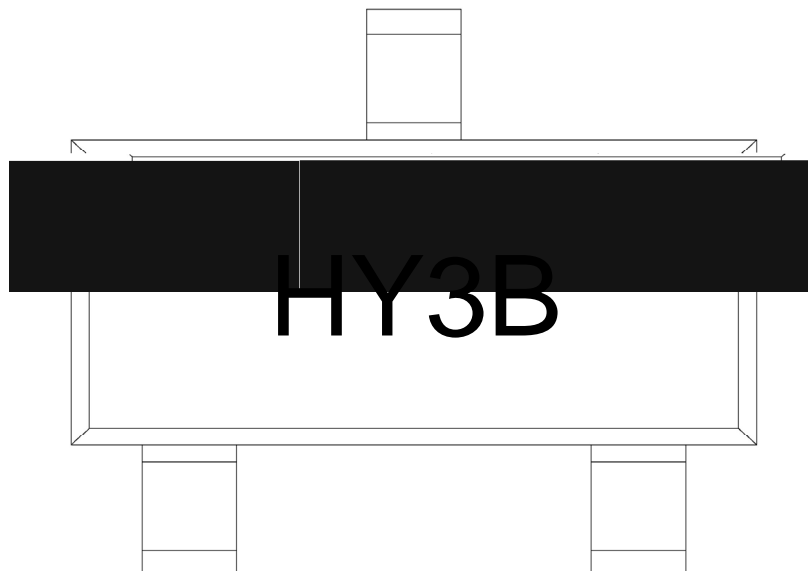
/ Package Dimensions

SMT-23

单位: mm



/ Marking Instructions



H

Y3

B h_{FE}

Note:

H Company Code

Y3 Product Type Code

B h_{FE} Classifications Symbol Code

S8050M
Rev.J May.-2023