

**/ Descriptions**

Silicon PNP transistor in a SOT-23 Plastic Package.

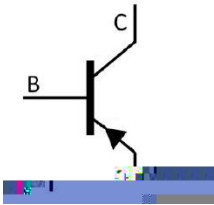
**/ Features**

Complementary pair with S8050MG,HF Product.

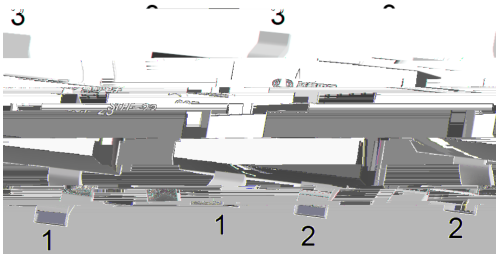
**/ Applications**

Power amplifier applications.

**/ Equivalent Circuit**



**/ Pinning**



PIN1 Base      PIN 2 Emitter      PIN 3 Collector

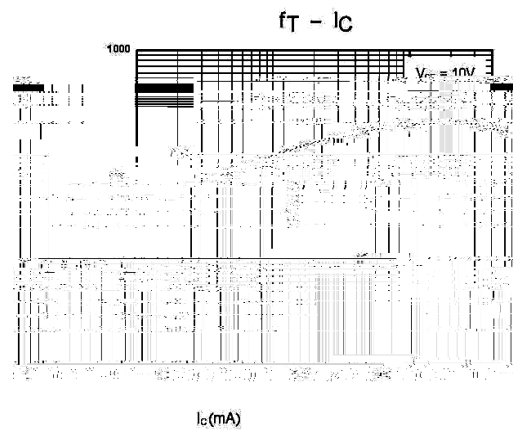
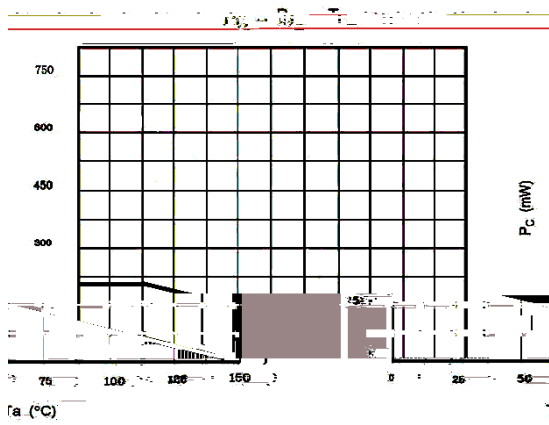
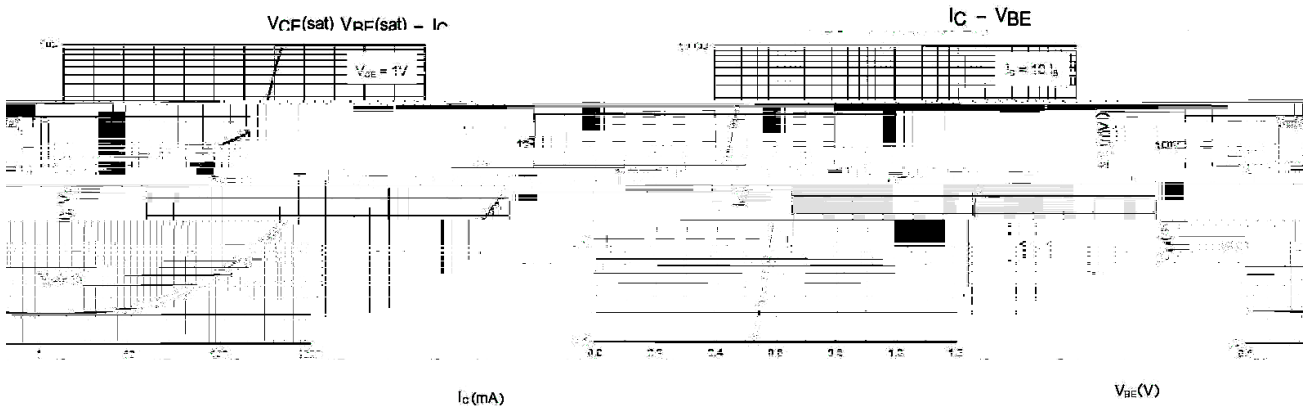
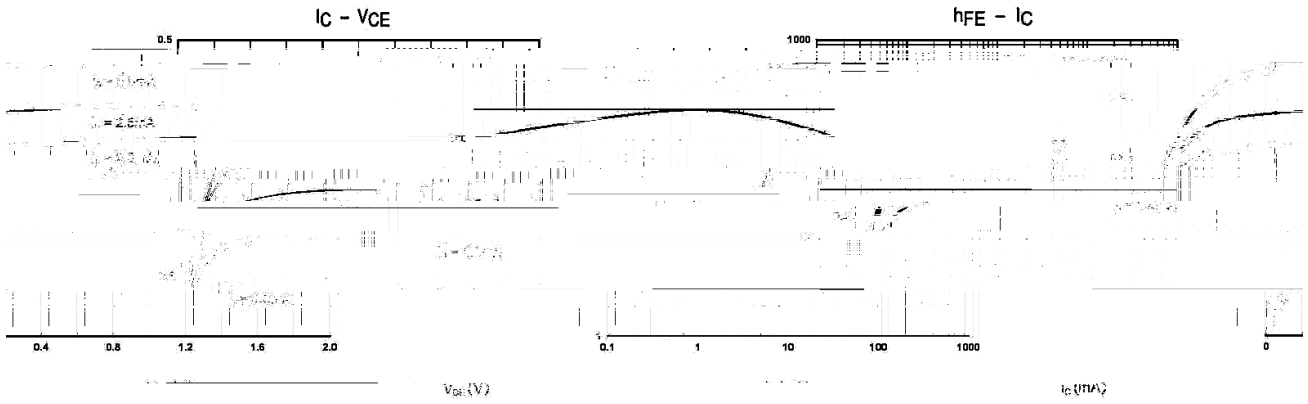
**/ h<sub>FE</sub> Classifications & Marking**

h <sub>FE</sub> Classifications Symbol	B	C	D
h <sub>FE</sub> Range	85 160	120 200	160 300
Marking	GY4B	GY4C	GY4D

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	$T_{stg}$	-65 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	$V_{CBO}$	$I_C = -0.1mA$ $I_E = 0$	-40			V
Collector to Emitter Breakdown Voltage	$V_{CEO}$	$I_C = -2.0mA$ $I_B = 0$	-25			V

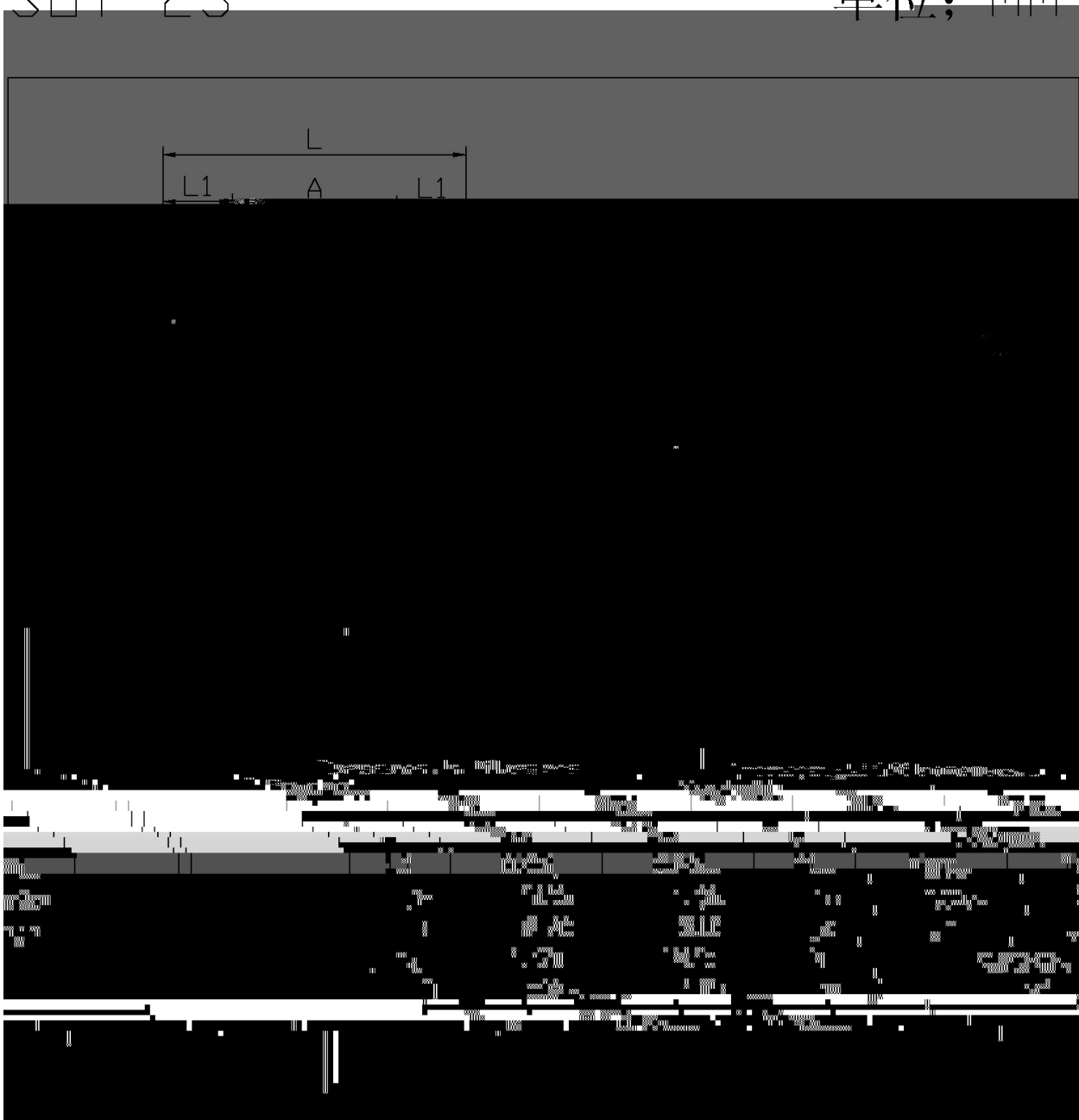
/ Electrical Characteristic Curve



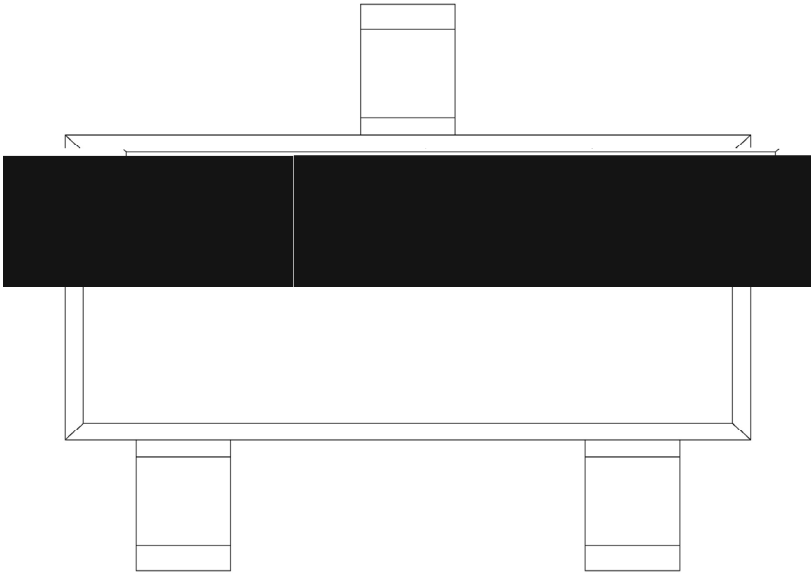
/ Package Dimensions

SOT-23

单位: mm



**/ Marking Instructions**



( ) / K\ d g\ i Xk i \ ' Gif ] \ d ] fi \ @ ' I \ ] f n ' J f d \ i \ e ^ Ž G Y \$ = i \ \ ž


Note:

1            150   180            60