

/ Descriptions

Silicon NPN transistor in a SOT-23 Plastic Package.

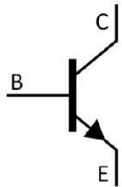
/ Features

Low frequency.

/ Applications

Low frequency amplifier.

/ Equivalent Circuit



/ Pinning



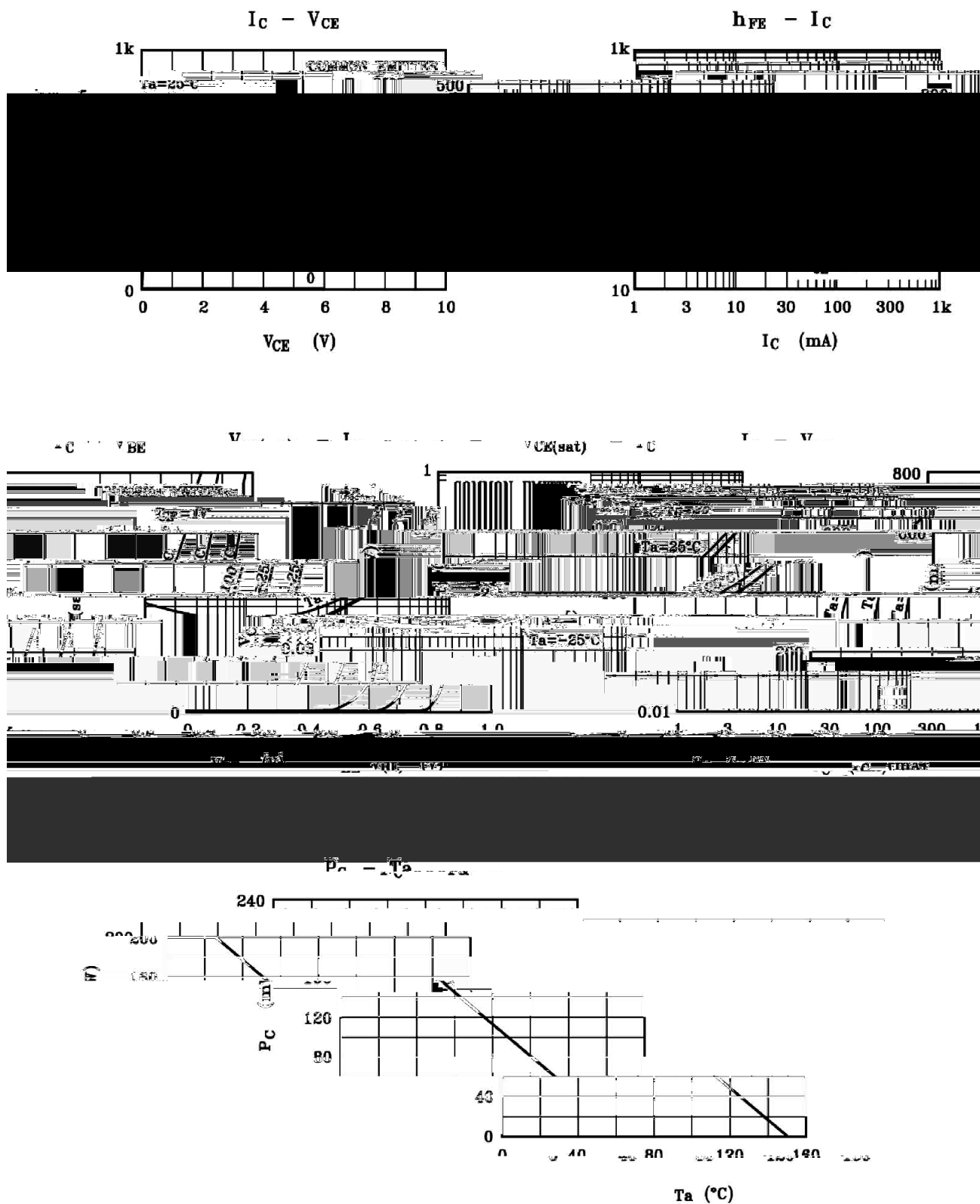
PIN 1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

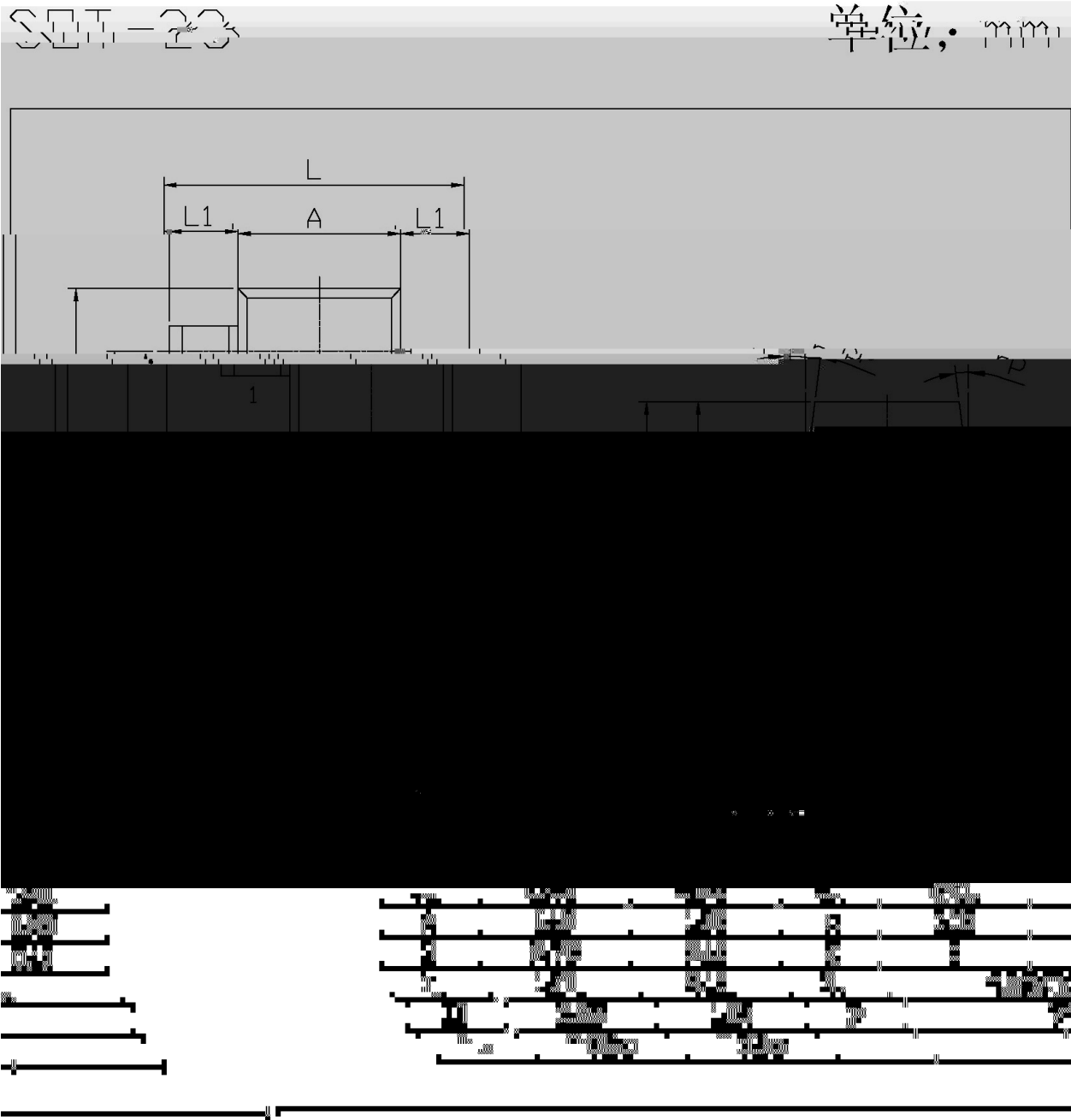
h_{FE} Classifications Symbol	O	Y
h_{FE} Range	100 200	160 320
Marking	HK1O	HK1Y

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	30	V
Collector to Emitter Voltage	V_{CEO}	25	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current	I_C	800	mA
Base Current	I_B	160	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_J	150	
Storage Temperature Range			

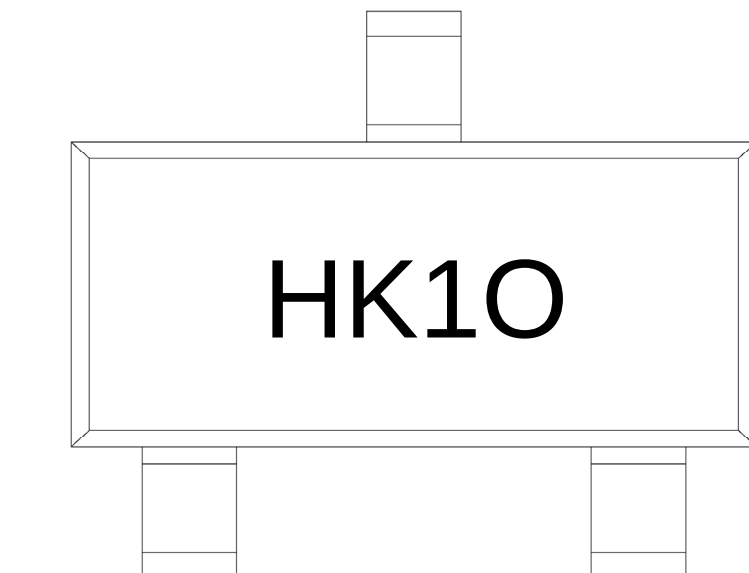
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



K1

h_{FE}

Note:

Company Code

K1

Product Type

h_{FE} Classifications Symbol

