

**/ Descriptions**

Silicon NPN transistor in a SOT-23 Plastic Package.

**/ Features**

Low frequency.

**/ Applications**

Low frequency amplifier.

**/ Equivalent Circuit**



**/ Pinning**



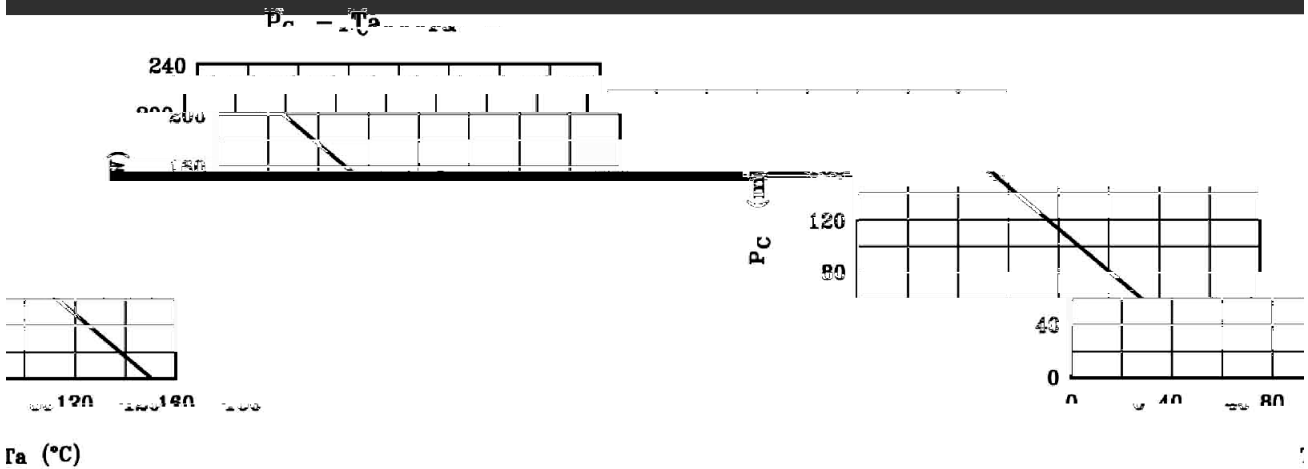
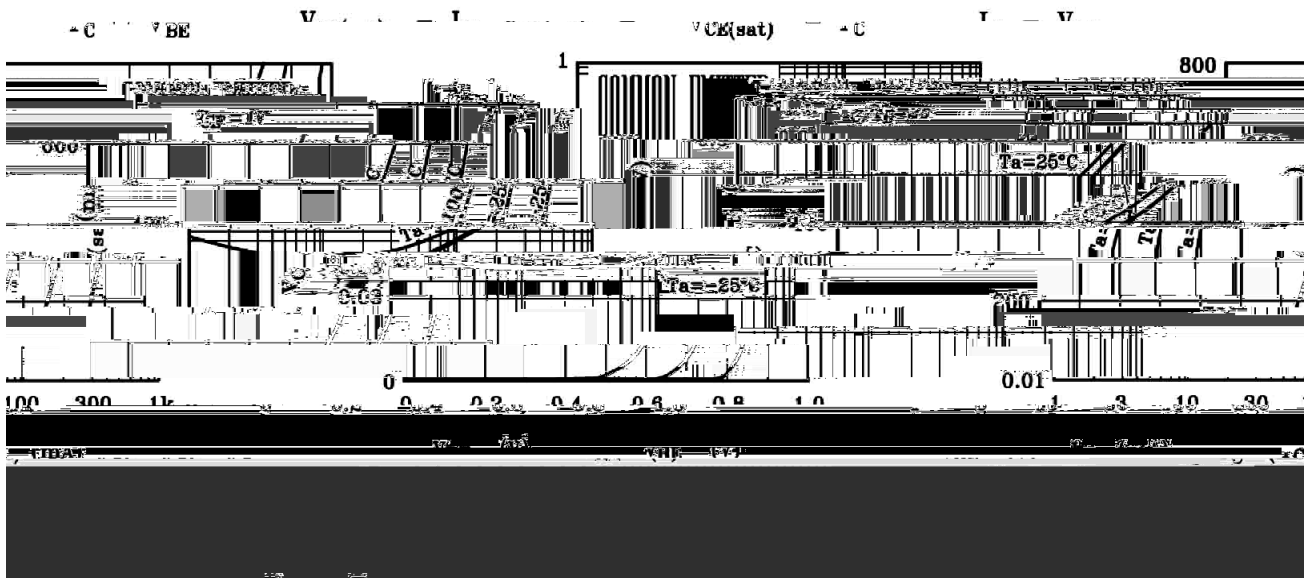
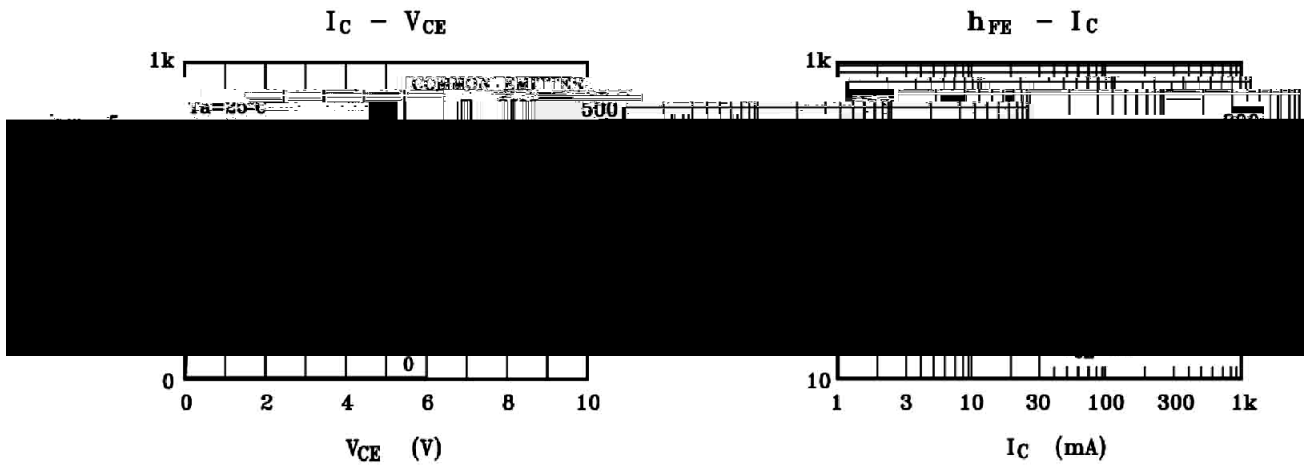
PIN 1 Base    PIN 2 Emitter    PIN 3 Collector

**/  $h_{FE}$  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



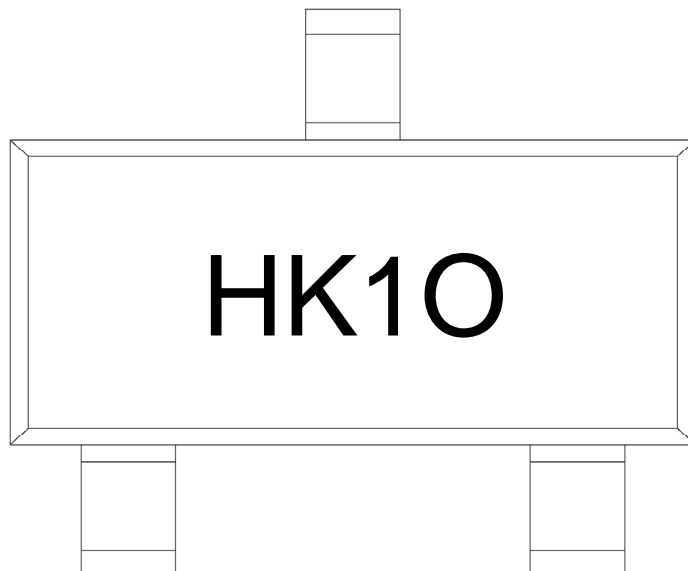
/ Package Dimensions

SOT-23

单位: mm



/ Marking Instructions



K1

$h_{FE}$

Note:

Company Code

K1

Product Type

$h_{FE}$  Classifications Symbol

