

SOT-23

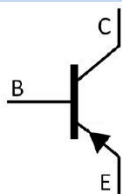
PNP

Silicon PNP transistor in a SOT-23 Plastic Package.

2SD2444K

Low $V_{CE(sat)}$, large current, complementary to 2SD2444K.

General power amplifier applications.



PIN 1

Base

PIN 2

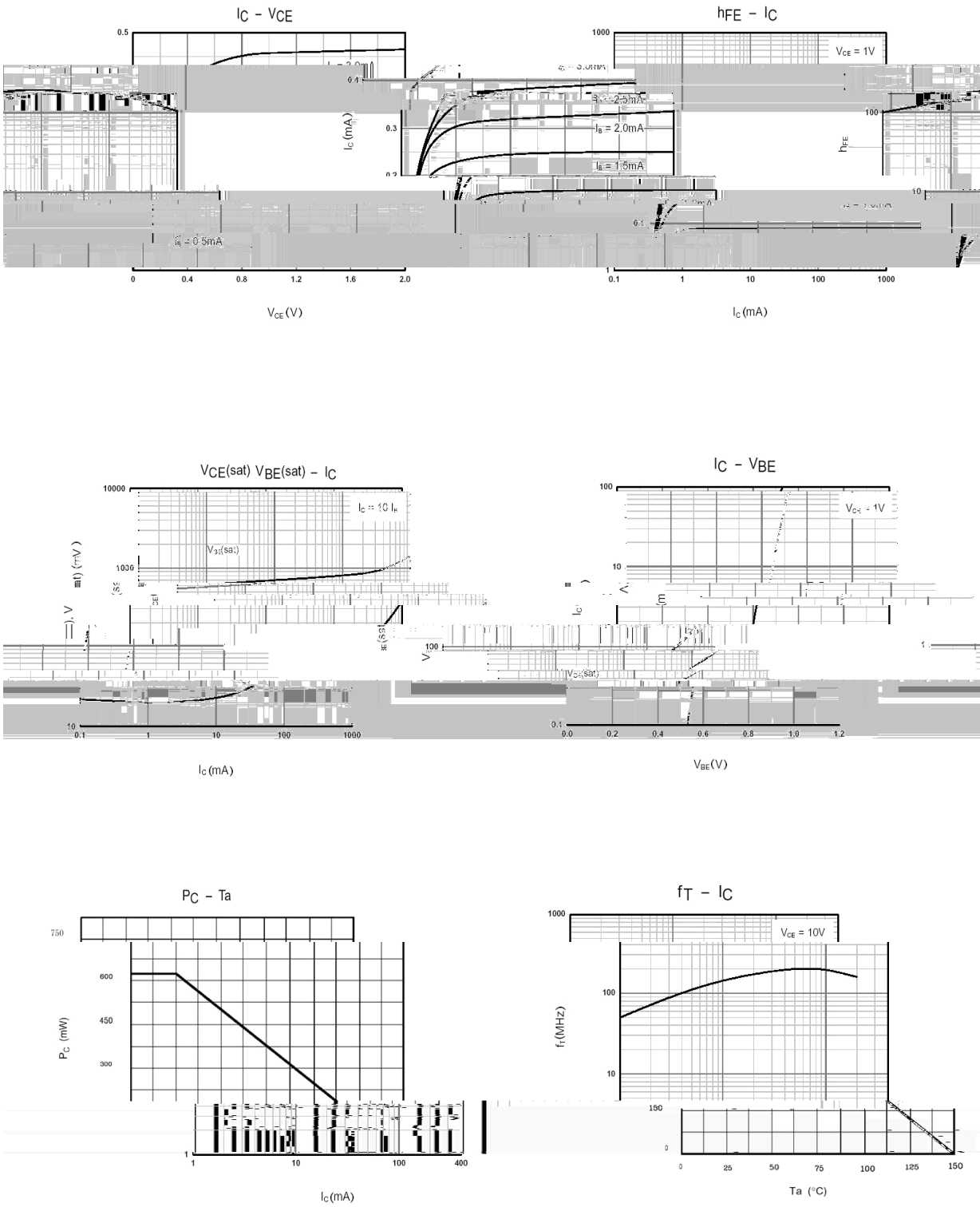
Emitter

PIN 3

Collector

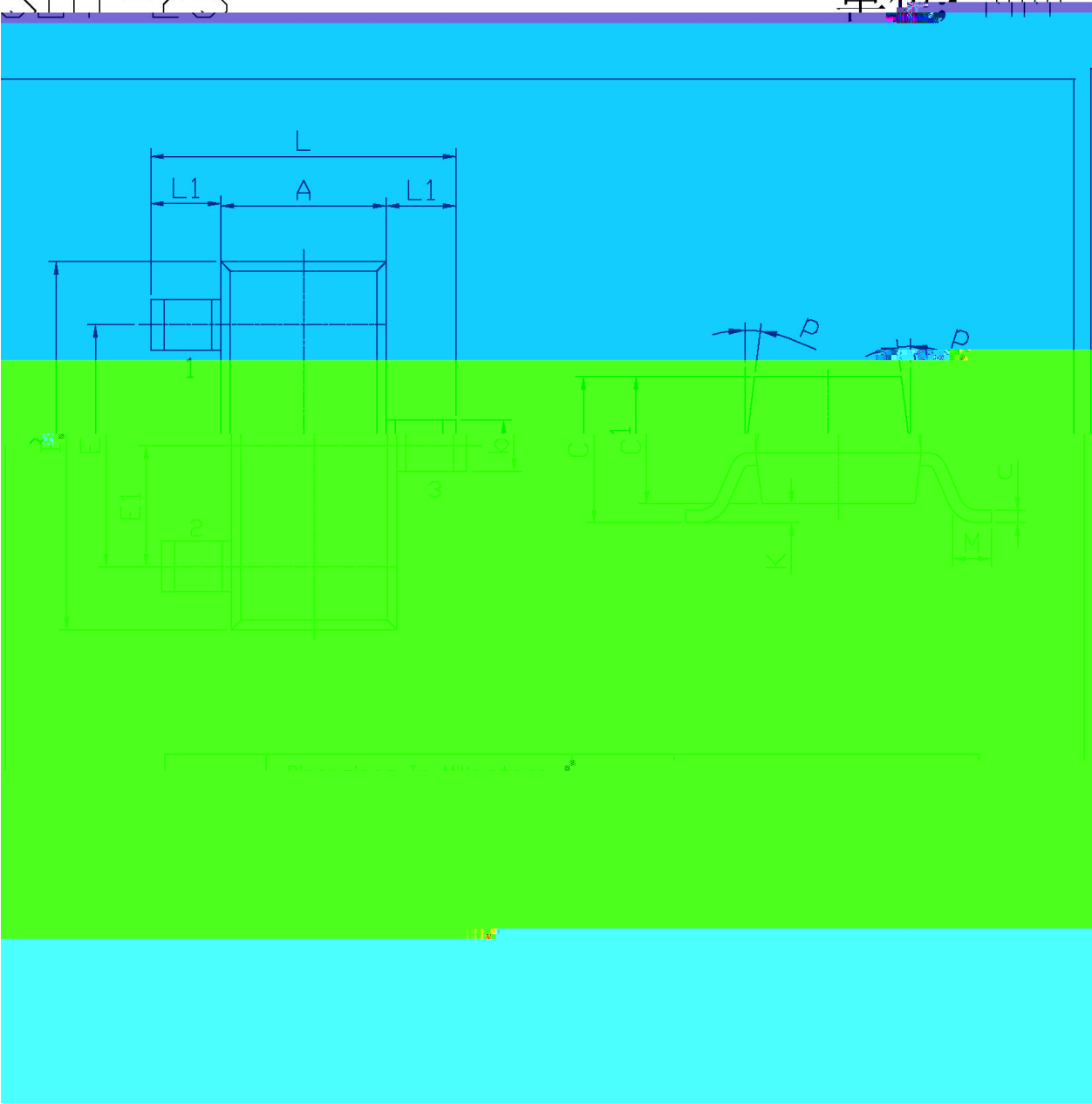
h_{FE} Classifications Symbol	Q
h_{FE} Range	120 270
Marking	HBKQ

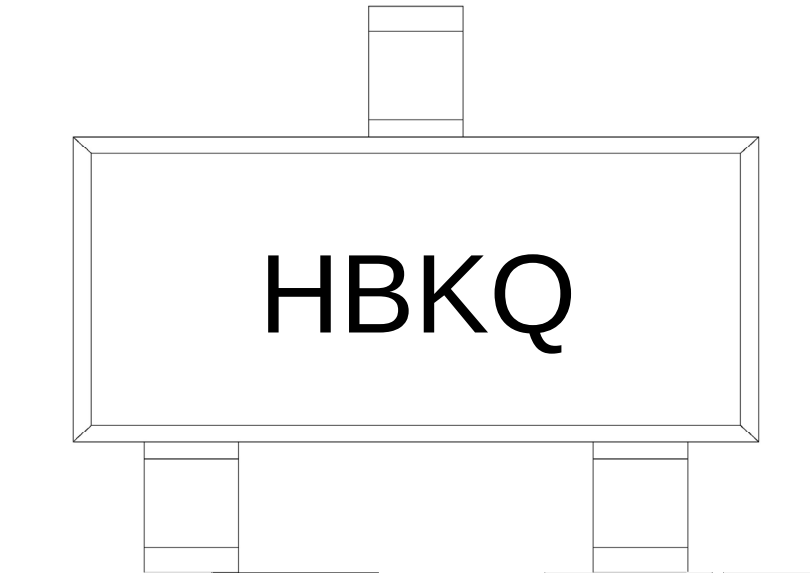
DC Current Gain	$h_{FE(1)}$	$V_{CE}=-2.0V$	$I_C=-50mA$	120		270	
	$h_{FE(2)}$	$V_{CE}=-2.0V$	I				



SOT-23

单位: mm





H

BK:

Q: h_{FE}

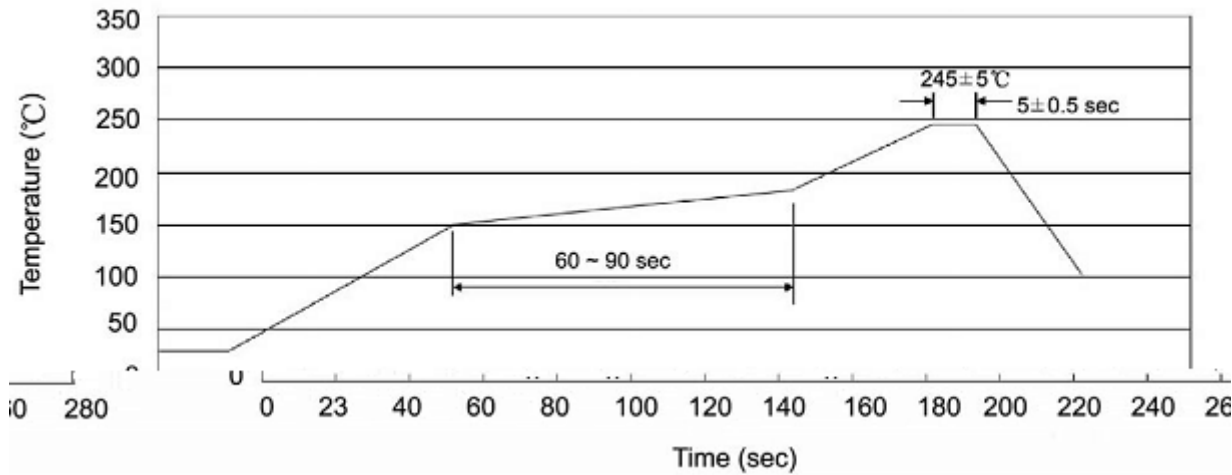
Note:

H Company Code

BK Product Type Code

Q: h_{FE} Classifications Symbol Code

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;

1.Preheating:25~150 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm ³)		