/ Descriptions

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

/ Features

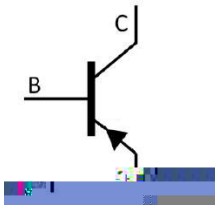
, 2SD2444K

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

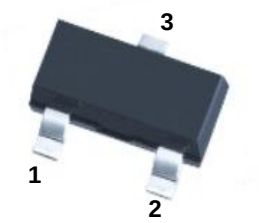
/ Applications

General power amplifier applications.

/ Equivalent Circuit



/ Pinning



PIN 1 Base PIN 2 Emitter PIN 3 Collector

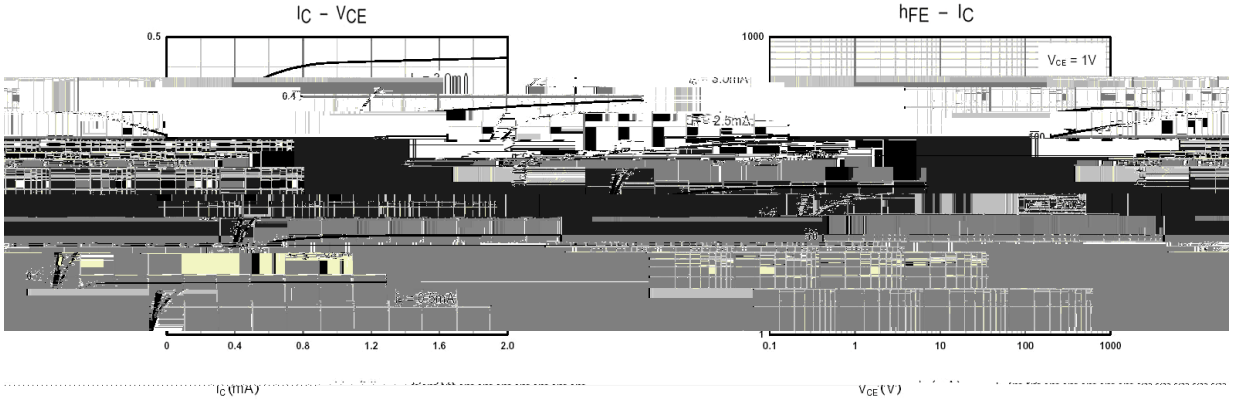
/ h_{FE} Classifications & Marking

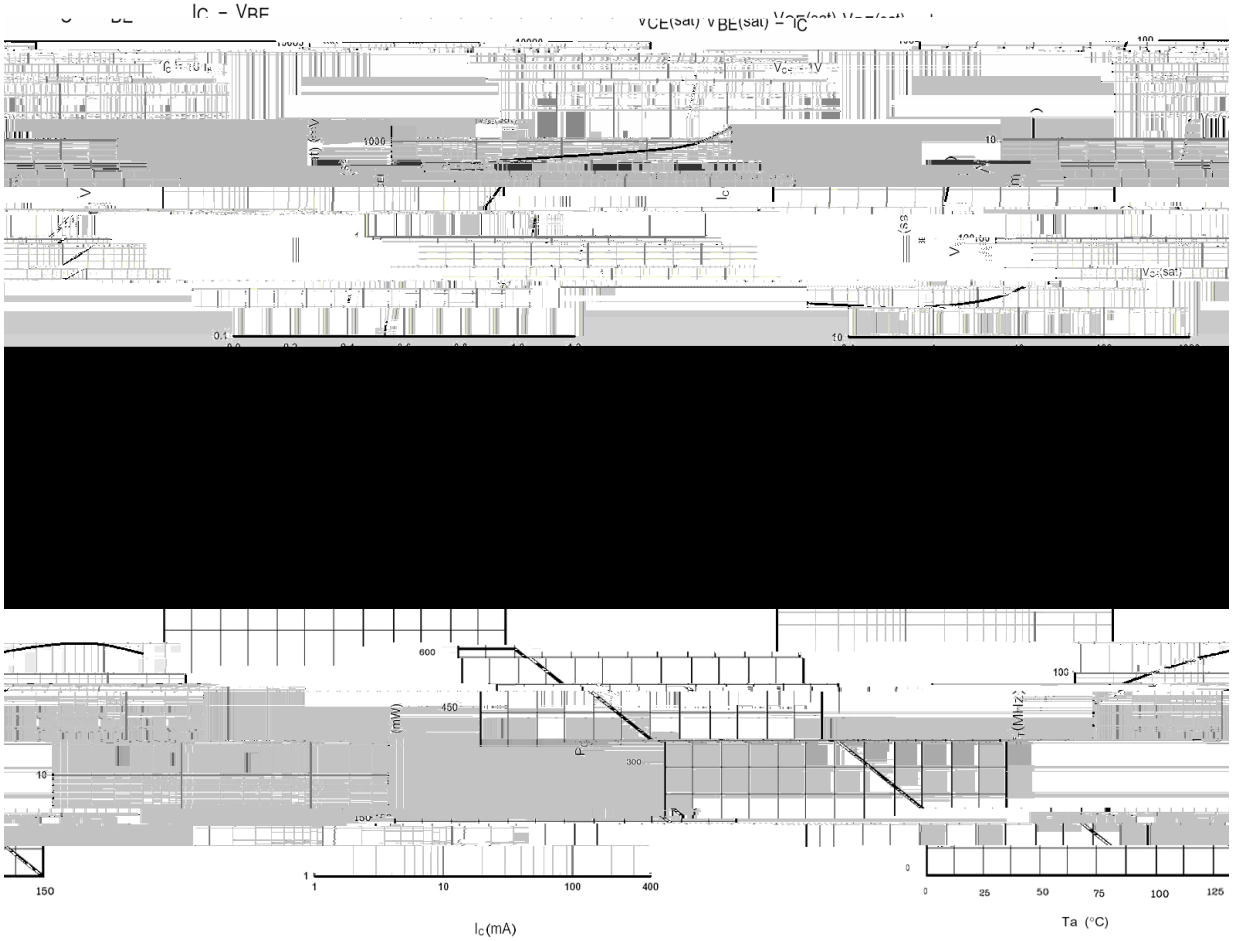
h_{FE} Classifications Symbol	Q
h_{FE} Range	120 270
Marking	HBKQ

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-15	V
Collector to Emitter Voltage	V_{CEO}	-15	V
Emitter to Base Voltage	V_{EBO}	-6.0	V
Collector Current	I_C	-1.0	A
Collector Current	I_{CM}	-3.0	A
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

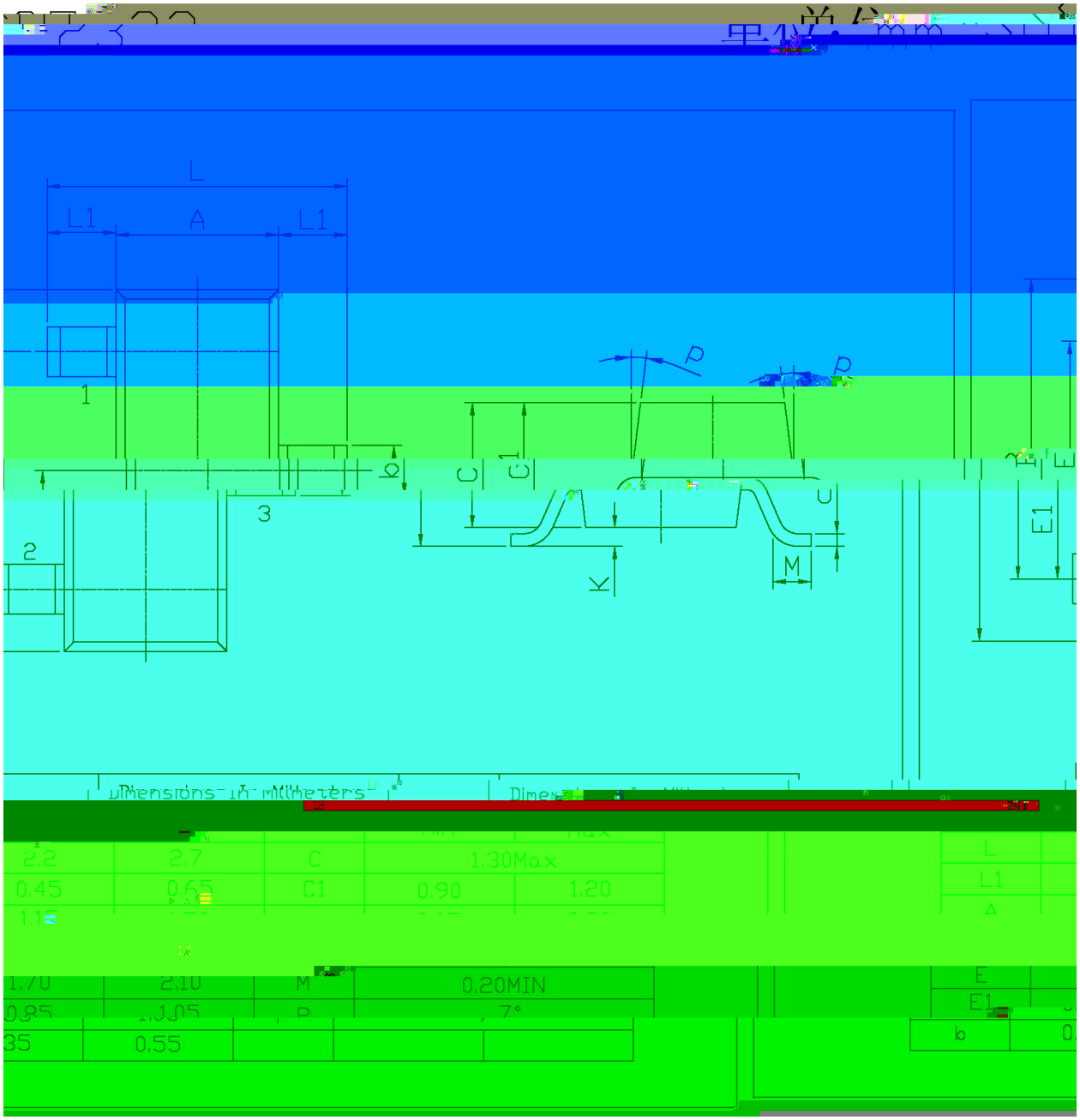
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown						

/ Electrical Characteristic Curve





/ Package Dimensions



/ Marking Instructions



H

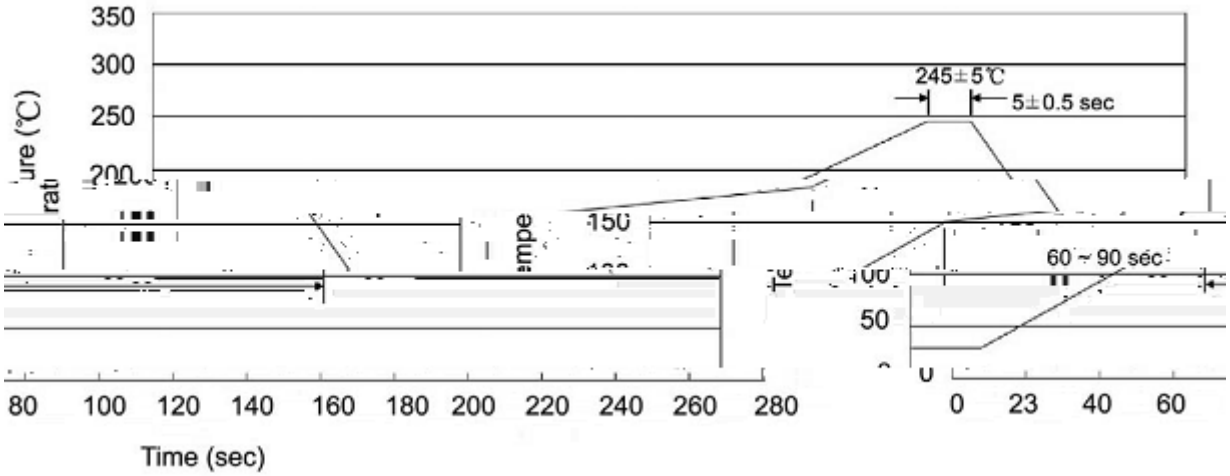
BK:

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