

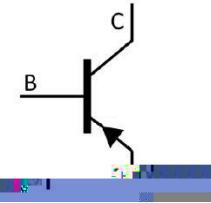
Rev.F Apr.-2017

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

300mA

high current gain at collector currents to 300 mA.

General purpose amplifier.



PIN1 Base          PIN 2 Emitter          PIN 3 Collector

$h_{FE}$ Range	130 630
Marking	HBK

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	$V_{CBO}$	-45	V
Collector to Emitter Voltage	$V_{CEO}$	-45	V

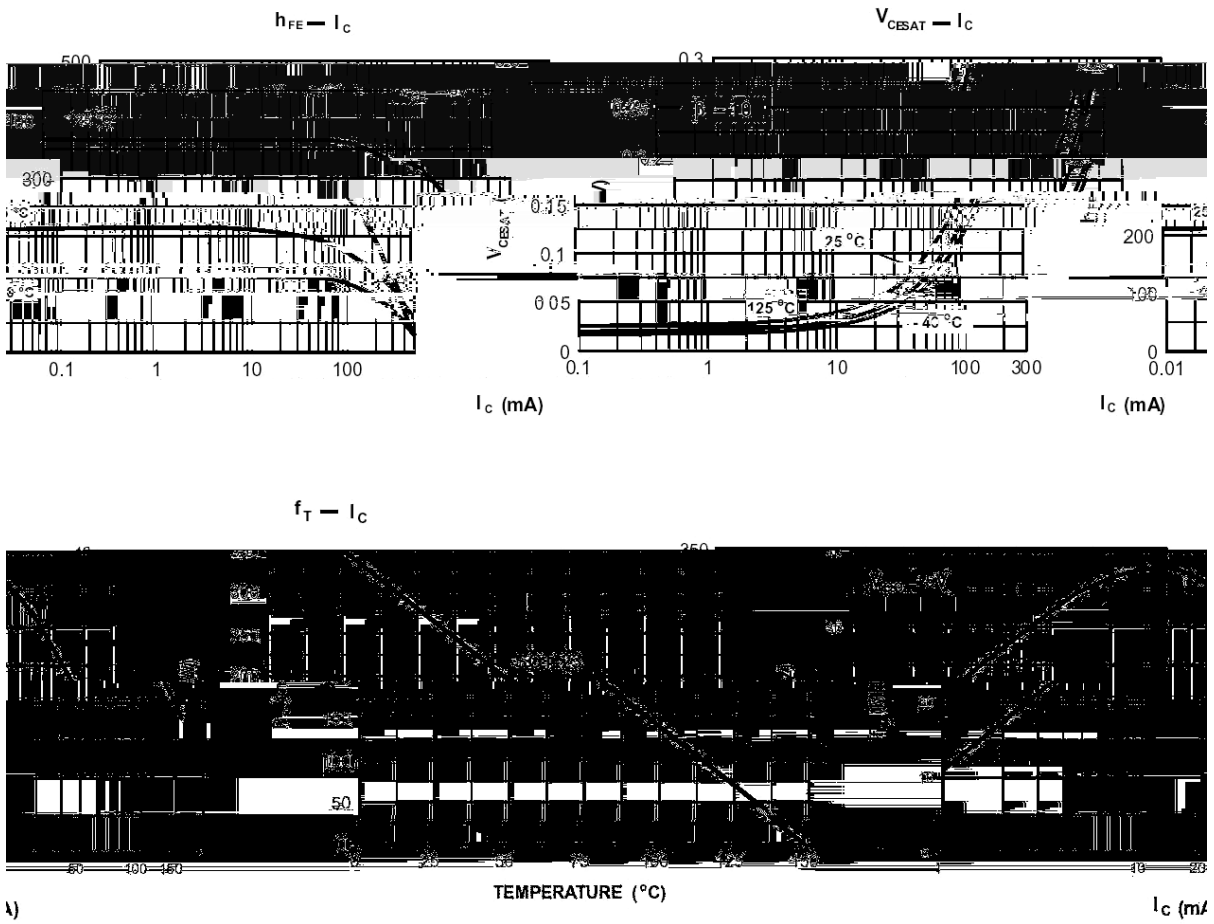
40.5

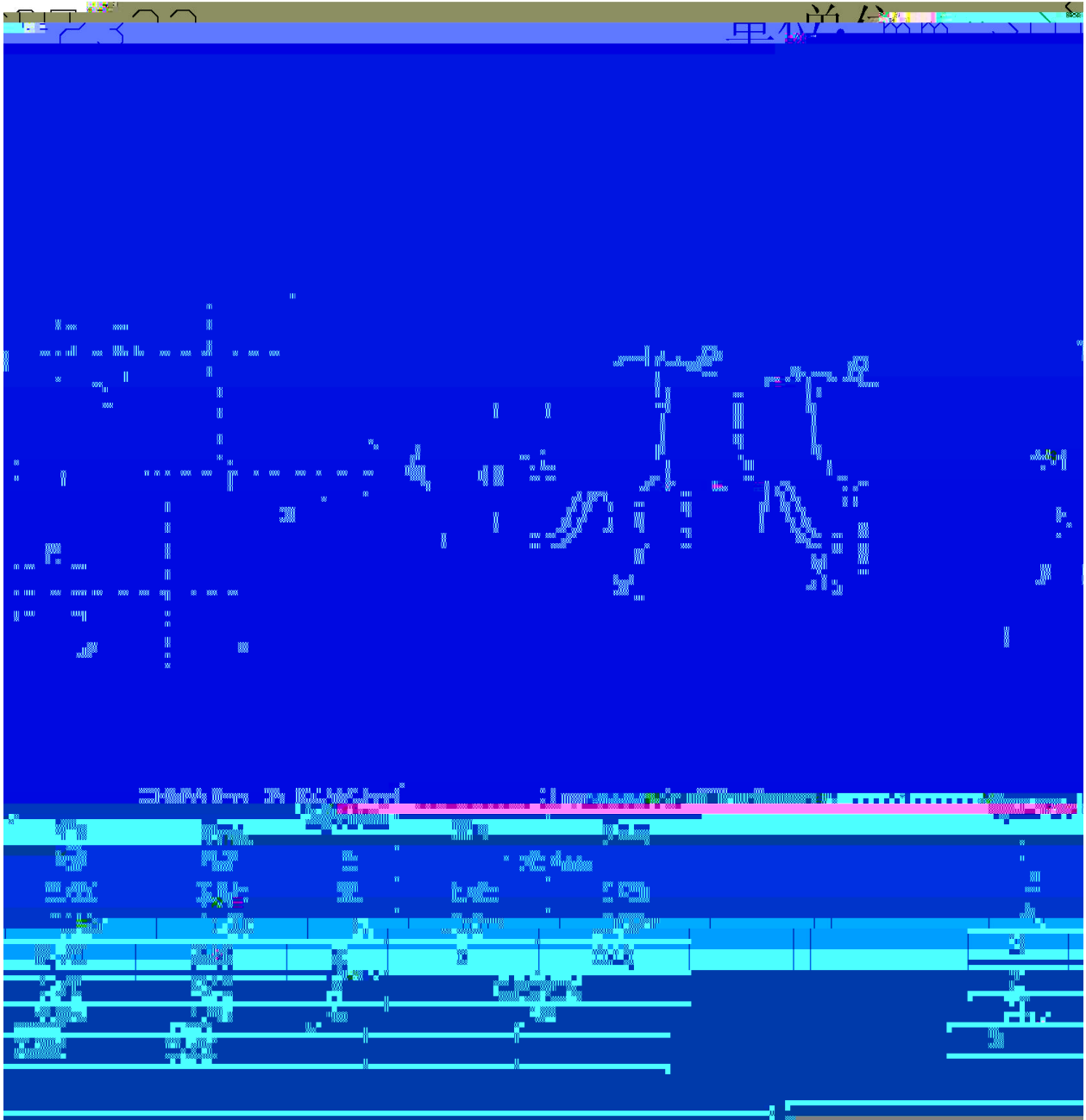
0481508.25452.

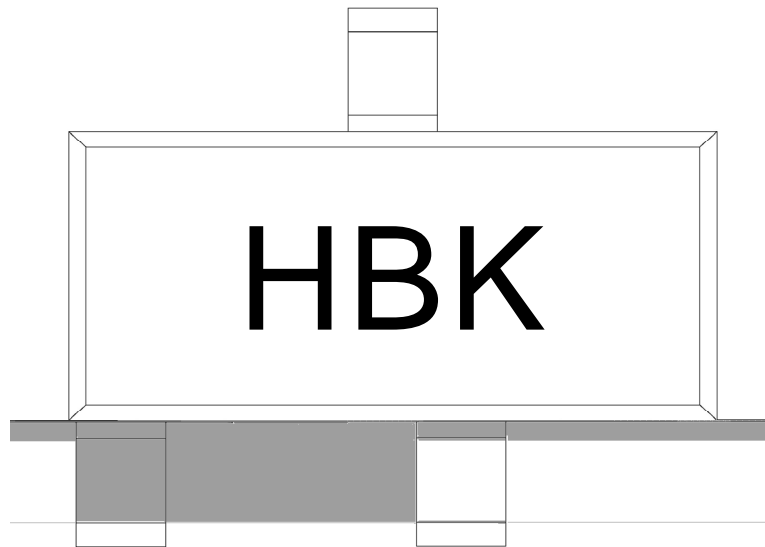
D0

reref

644.99980.408.25434.32D6f







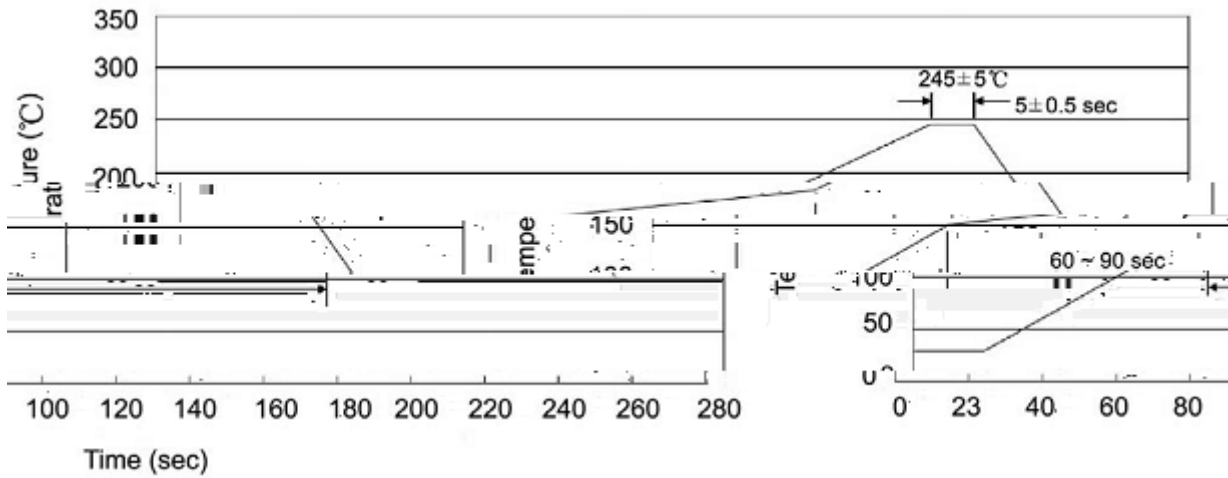
H

BK

Note:

H: Company Code

BK: Product Type 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.            |

 $260 \pm 5$ 
 $10 \pm 1 \text{ sec.}$ 

 Temp.: $260 \pm 5$ 

 Time: $10 \pm 1 \text{ sec}$ 

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205