

MMBTA06

Rev.FApr.-2017

📄 / Descriptions

SOT-23

NPN

Silicon NPN transistor in a SOT-23 Plastic Package.

🔑 / Features

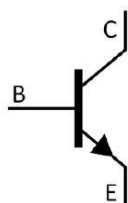
MMBTA56

Complementary to MMBTA56.

🔧 / Applications

Ideal for medium power amplification and switching.

🔌 ⚡ / Equivalent Circuit



📌 / Pinning



PIN1 Base

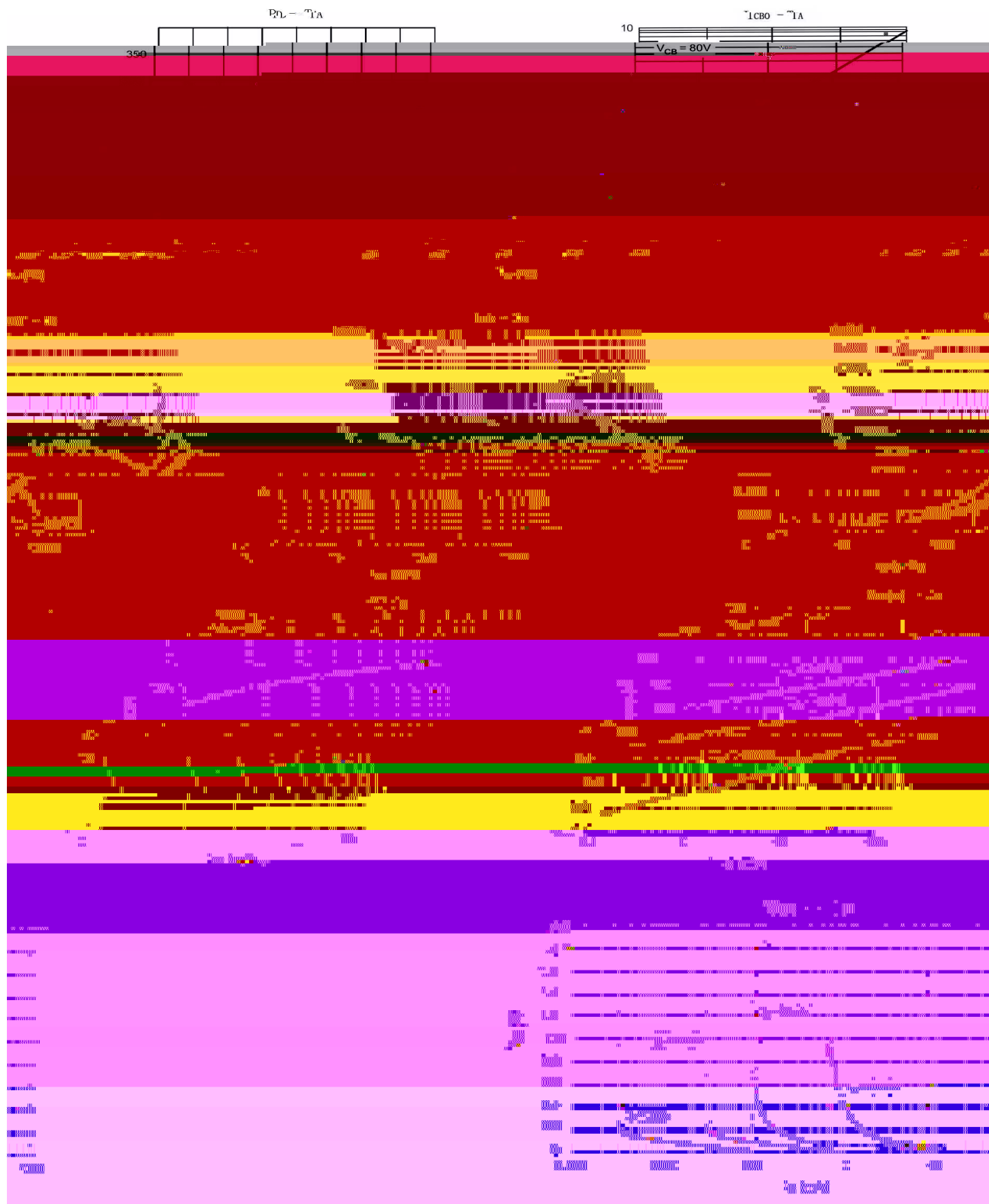
PIN 2 Emitter

PIN 3 Collector

🏷️ / Marking

h_{FE} Range	100 300
Marking	HK1G

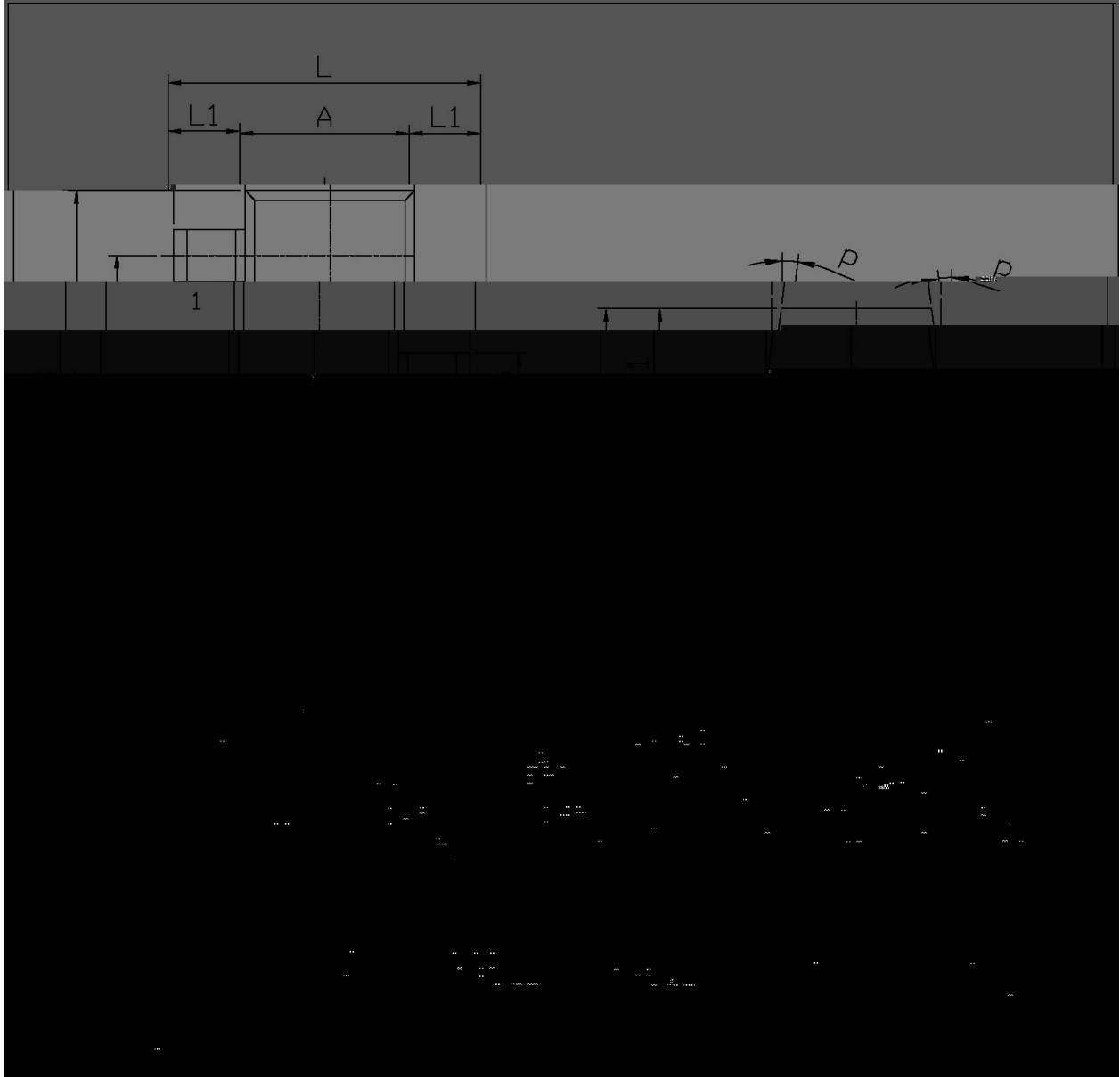
Electrical Characteristic Curve



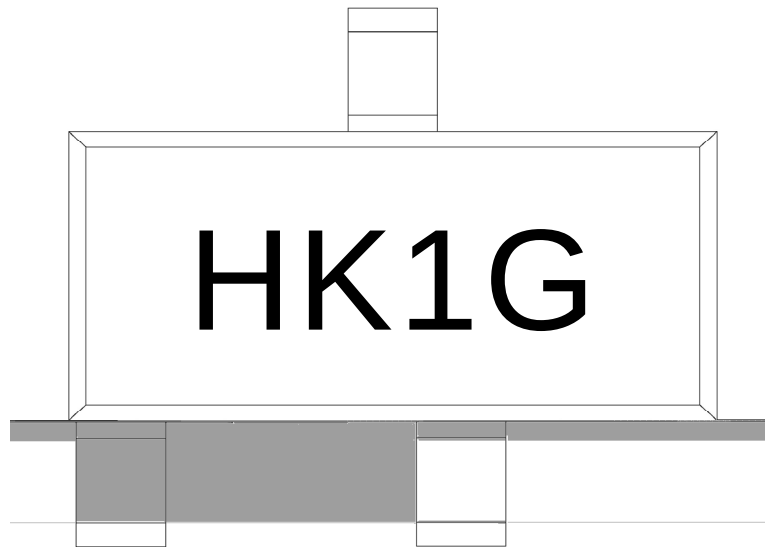
⊂ É Ò Ì ¢ / Package Dimensions

SOT-23

单位; mm



1. 1.1 / Marking Instructions



H

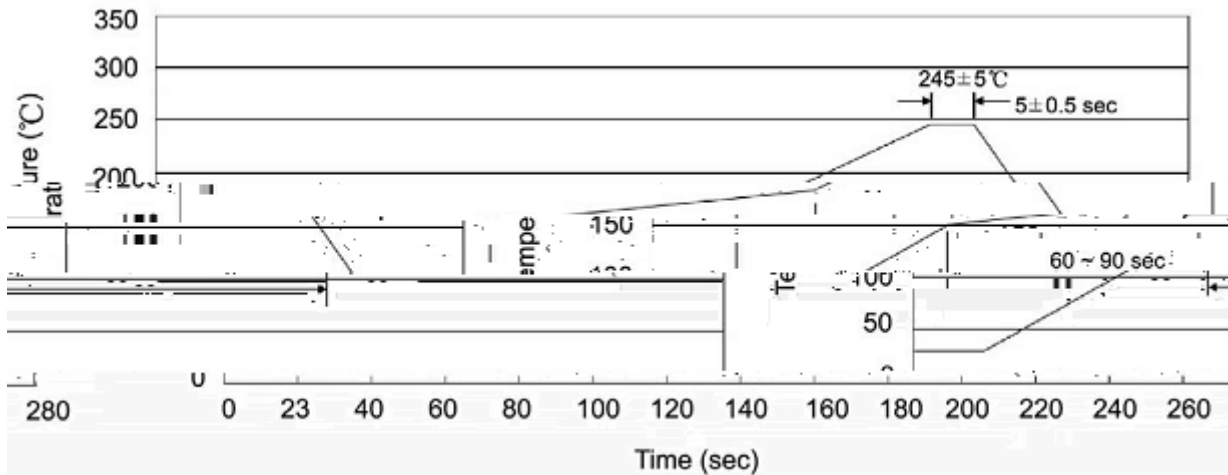
K1G

Note:

H: Company Code.

K1G: Product Type Code.

温度特性 / Temperature Characteristics



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. |

焊接热阻 / Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp:260±5 Time:10±1 sec

包装规格 / Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOT-23	3,000	10	30,000	6	180,000	7 × 8	180×120×180	390×385×205

注意事项 / Notices