

MMBTA06

Rev.FApr.-2017

Y / Descriptions

SOT-23

NPN

Silicon NPN transistor in a SOT-23 Plastic Package.

• È / Features

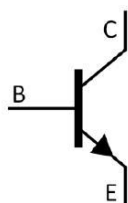
MMBTA56

Complementary to MMBTA56.

v / Applications

Ideal for medium power amplification and switching.

л ~ ã = / Equivalent Circuit



ã / ũ / Pinning



PIN1 Base

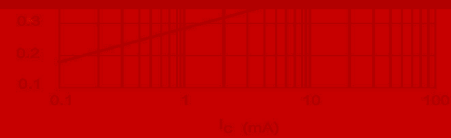
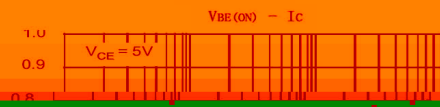
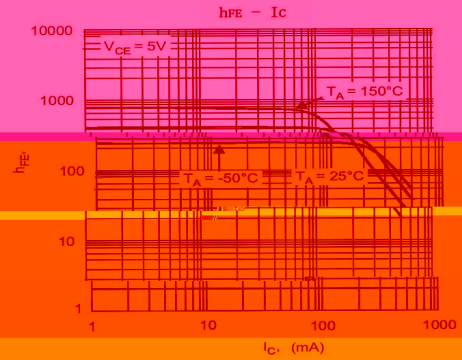
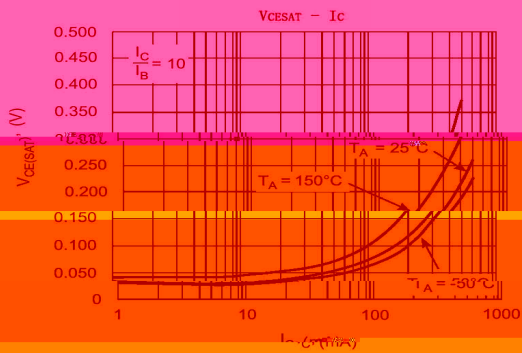
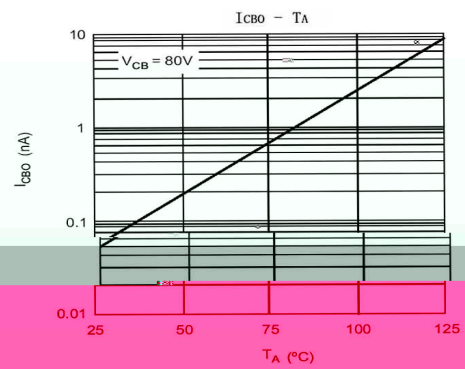
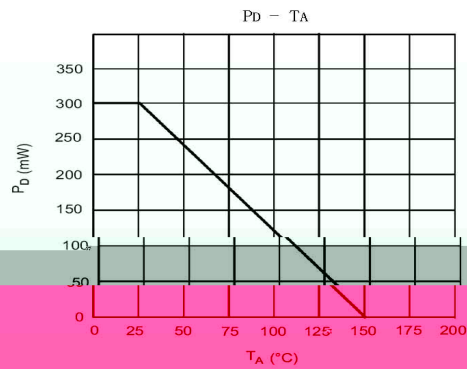
PIN 2 Emitter

PIN 3 Collector

т. н ù / Marking

h_{FE} Range	100~300
Marking	HK1G

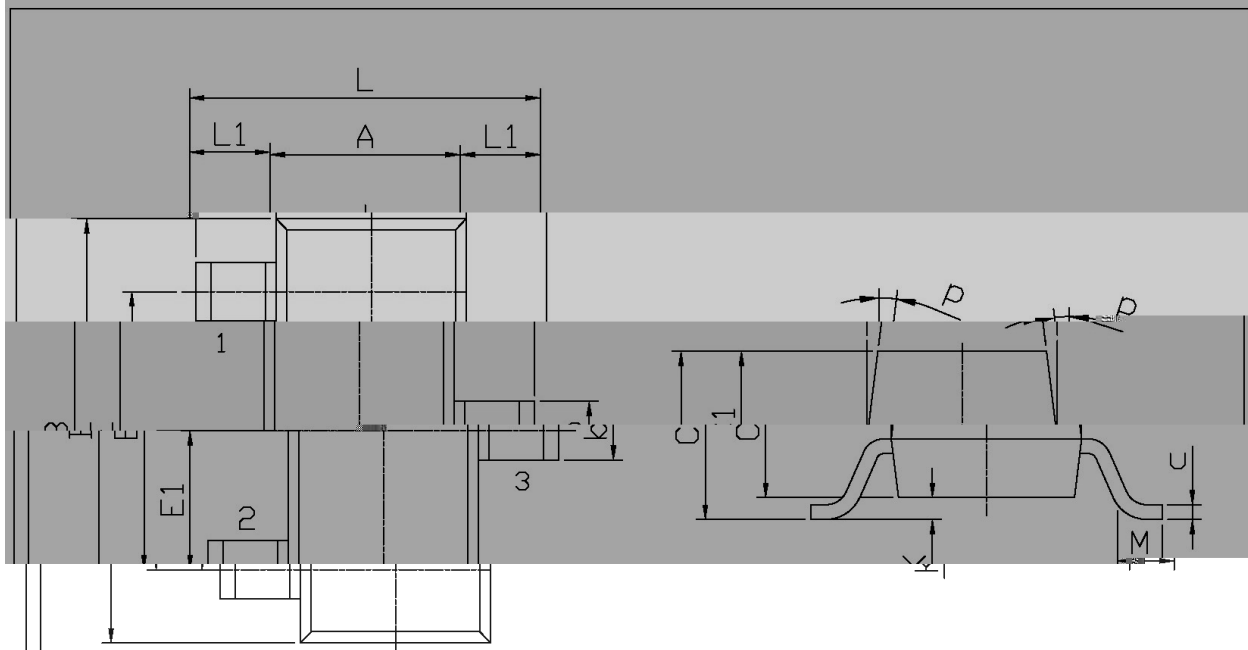
Electrical Characteristic Curve



⊂ É Ò Ì ð / Package Dimensions

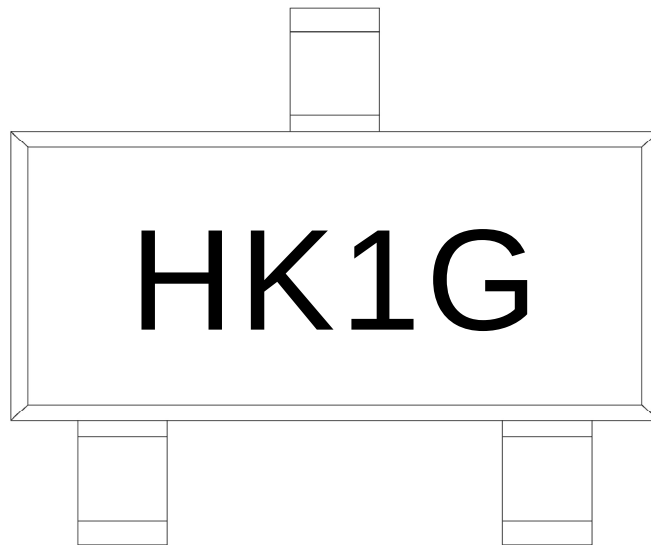
SOT-23

单位; mm



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
L1	0.45	0.65	C1	0.90	1.20
A	1.15	1.50	c	0.05	0.20
B	2.70	3.10	K	0	0.10
E	1.70	2.10	M	0.20MIN	
F1	0.85	1.05	R	7°	
b	0.35	0.55			

1. 标记 / Marking Instructions



H

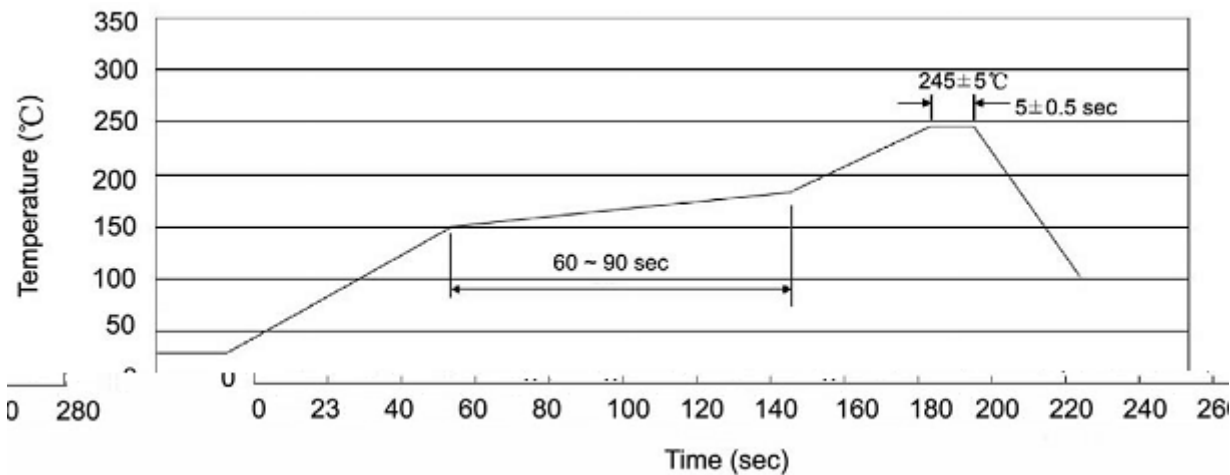
K1G

Note:

H: Company Code.

K1G: Product Type Code.

热稳定性测试 / Whp shudwxuh Suriloh i ru LU Uhior z Vroghulqj+Se0luhh,



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. |

热稳定性测试 / Resistance to Soldering Heat Test Conditions

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

封装形式 / Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱
						"		

注意事项 / Notices