

MMBT2222AG

Rev. G Aug.-2018

/ Descriptions

SOT-23

NPN

Silicon NPN transistor in a SOT-23 Plastic Package.

/ Features

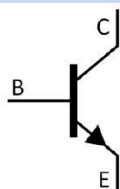
600mA

Collector currents up to 600mA.Halogen Free Product.

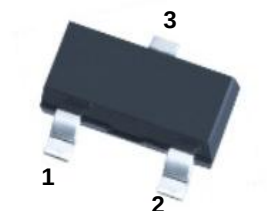
/ Applications

General purpose amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base

PIN 2 Emitter

PIN 3 Collector

/ h_{FE} Classifications & Marking

h_{FE} Range	100 300
Marking	G1P

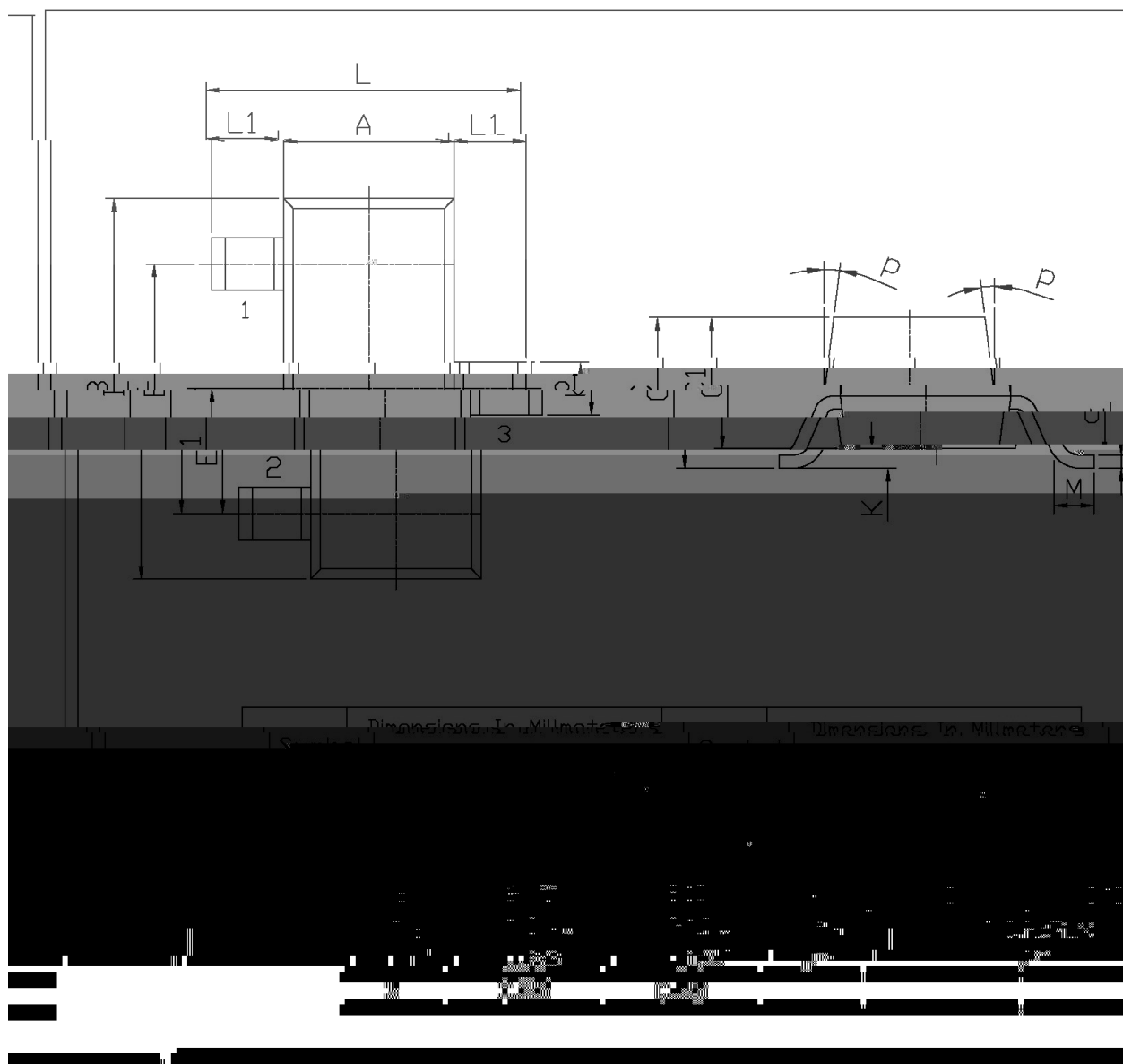
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}		

MMBT2222AG

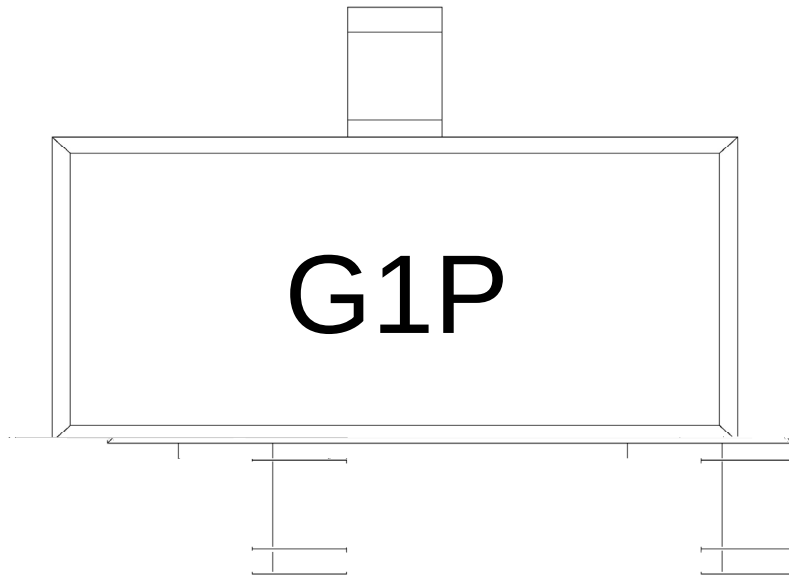
/ Package Dimensions

SOT-23

单位: mm



/ Marking Instructions



G

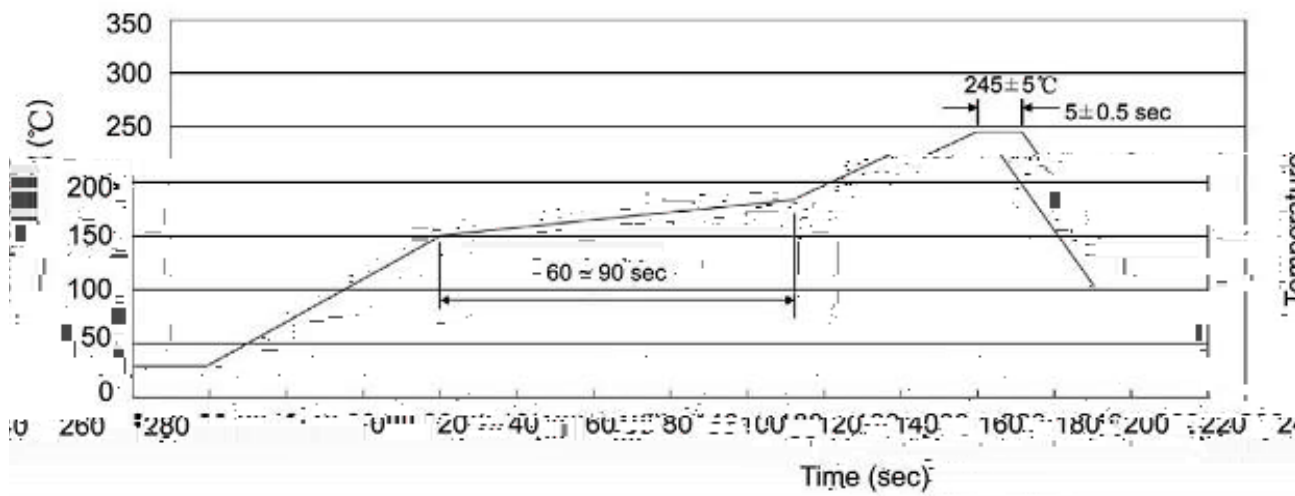
1P

Note:

G HF Product Code

1P Product Type Code

() /



Note:

- 1

150 180

60 90sec;
- 2

245±5

5±0.5sec;
- 3

2 10

/sec.
- 1.Preheating:150~180

, Time:60~90sec.
- 2.Peak Temp.:245±5

, Duration:5±0.5sec.
3. Cooling Speed: 2~10

/sec.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	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	180000	7 ×8	180×120×180	390×385×205

/ Notices