

MMBT2222AG

Rev. G Aug.-2018

/ Descriptions

SOT-23

NPN

Silicon NPN transistor in a SOT-23 Plastic Package.

/ Features

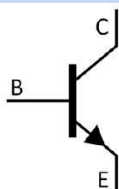
600mA

Collector currents up to 600mA. Halogen Free Product.

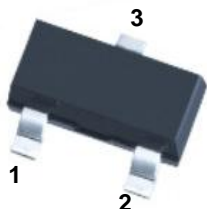
/ Applications

General purpose amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base

PIN 2 Emitter

PIN 3 Collector

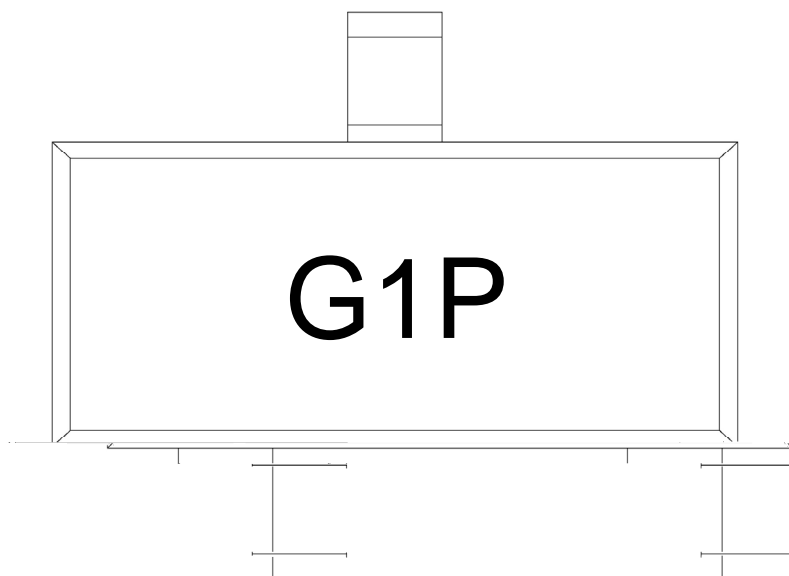
/ h_{FE} Classifications & Marking

h _{FE} Range	100 300
Marking	G1P

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

MMBT2222AG

/ Marking Instructions



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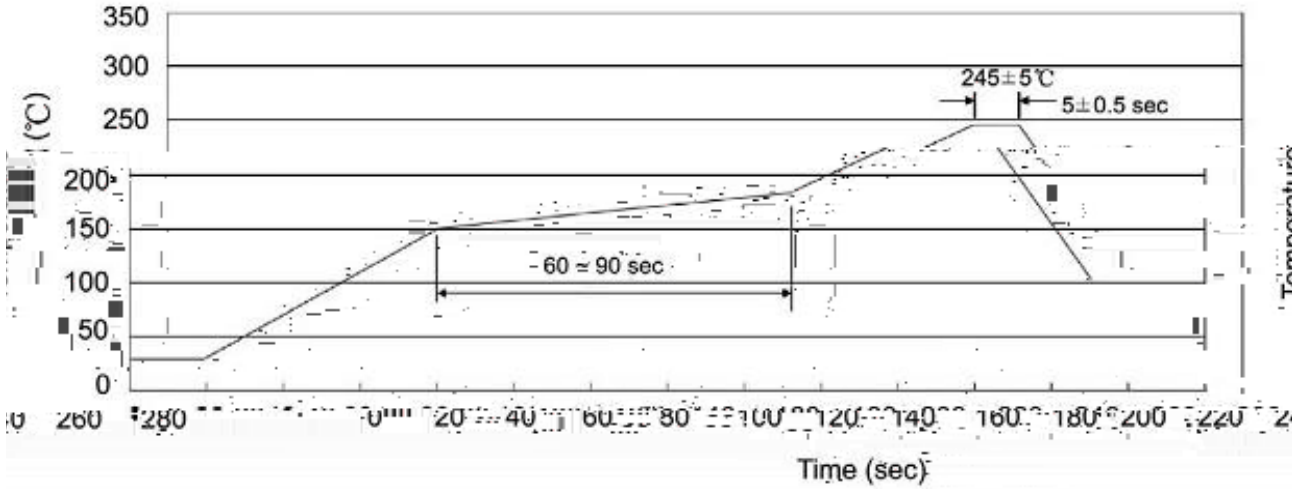
1P

Note:

G HF Product Code

1P Product Type Code

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Note:

- | | | | |
|---|---------|-----------|---|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180 , 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. |

/ 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)

/ Notices