/ Descriptions

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

/ Features

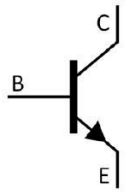
600mA

Collector currents up to 600mA.Halogen Free Product.

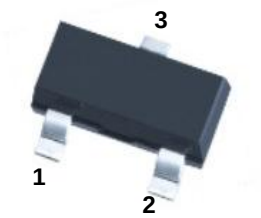
/ Applications

General purpose amplifier.

/ Equivalent Circuit



/ Pinning



PIN1 Base PIN 2 Emitter PIN 3 Collector

/ h_{FE} Classifications & Marking

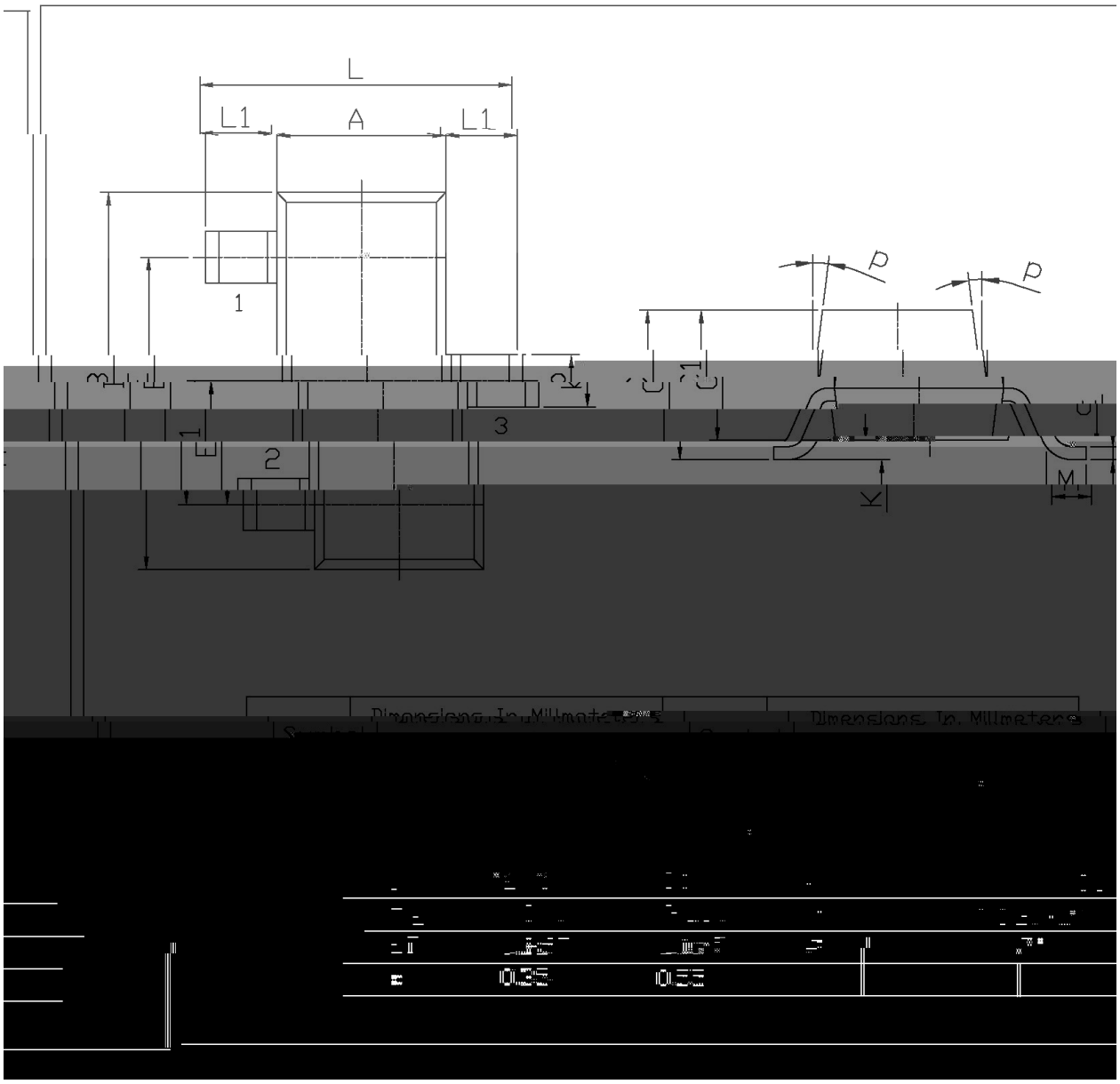
h_{FE} Range	100 300
Marking	G1P

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

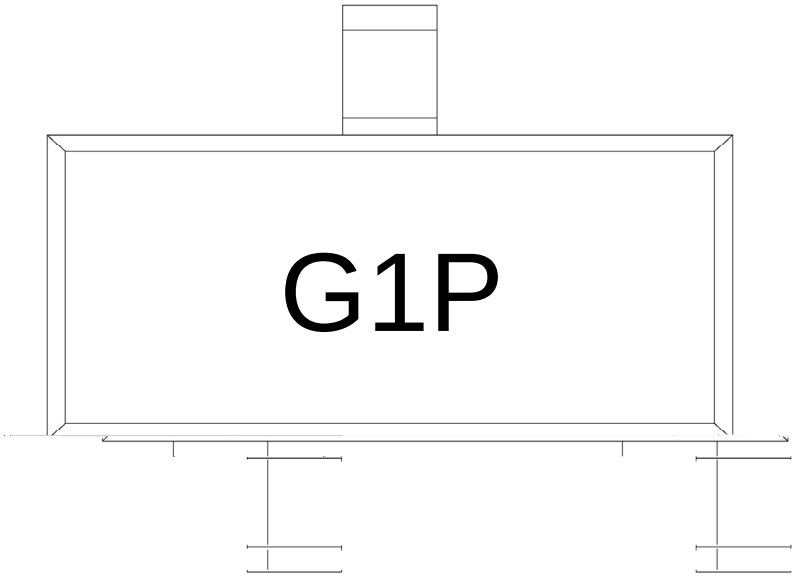
/ Package Dimensions

SOT-23

单位：mm



/ Marking Instructions



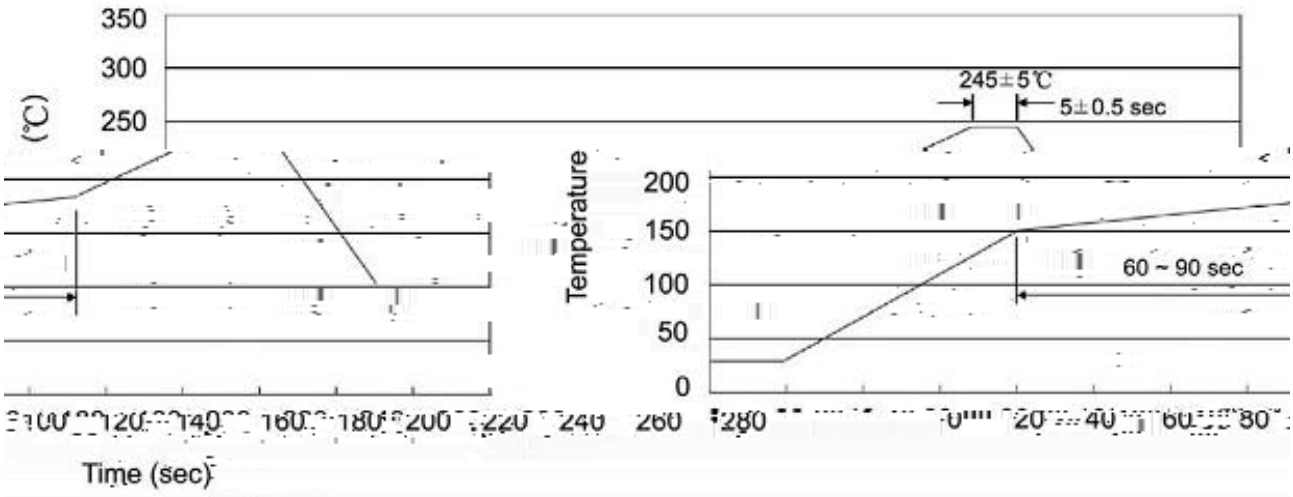
G

1P

Note:

G	HF Product Code
1P	Product Type Code

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



1	150	180		60	90sec;	Note: 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