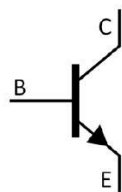


SOT-323 NPN Silicon NPN transistor in a SOT-323 Plastic Package.

， MMBT5401W
High voltage, complementary pair with MMBT5401W.

General purpose high voltage amplifier.



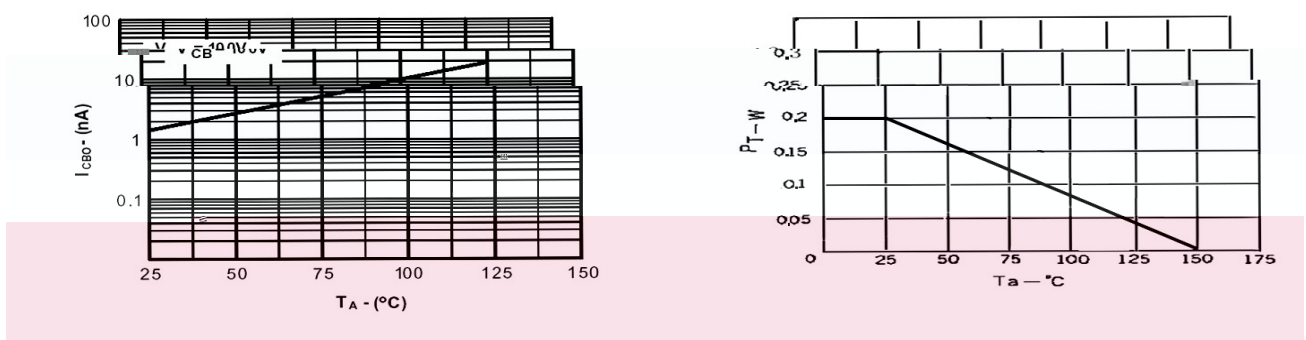
PIN1 Emitter PIN 2 Base PIN 3 Collector

h_{FE} Classifications Symbol	A	B	C
h_{FE} Range	50~150	100~300	200~400
Marking	HG1A	HG1B	HG1C

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	180	V
Collector to Emitter Voltage	V_{CEO}	160	V
Emitter to Base Voltage	V_{EBO}	6.0	V
Collector Current - Continuous	I_C	600	mA
Base Current - Continuous	I_B	300	mA
Collector Power Dissipation	P_C	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55~150	

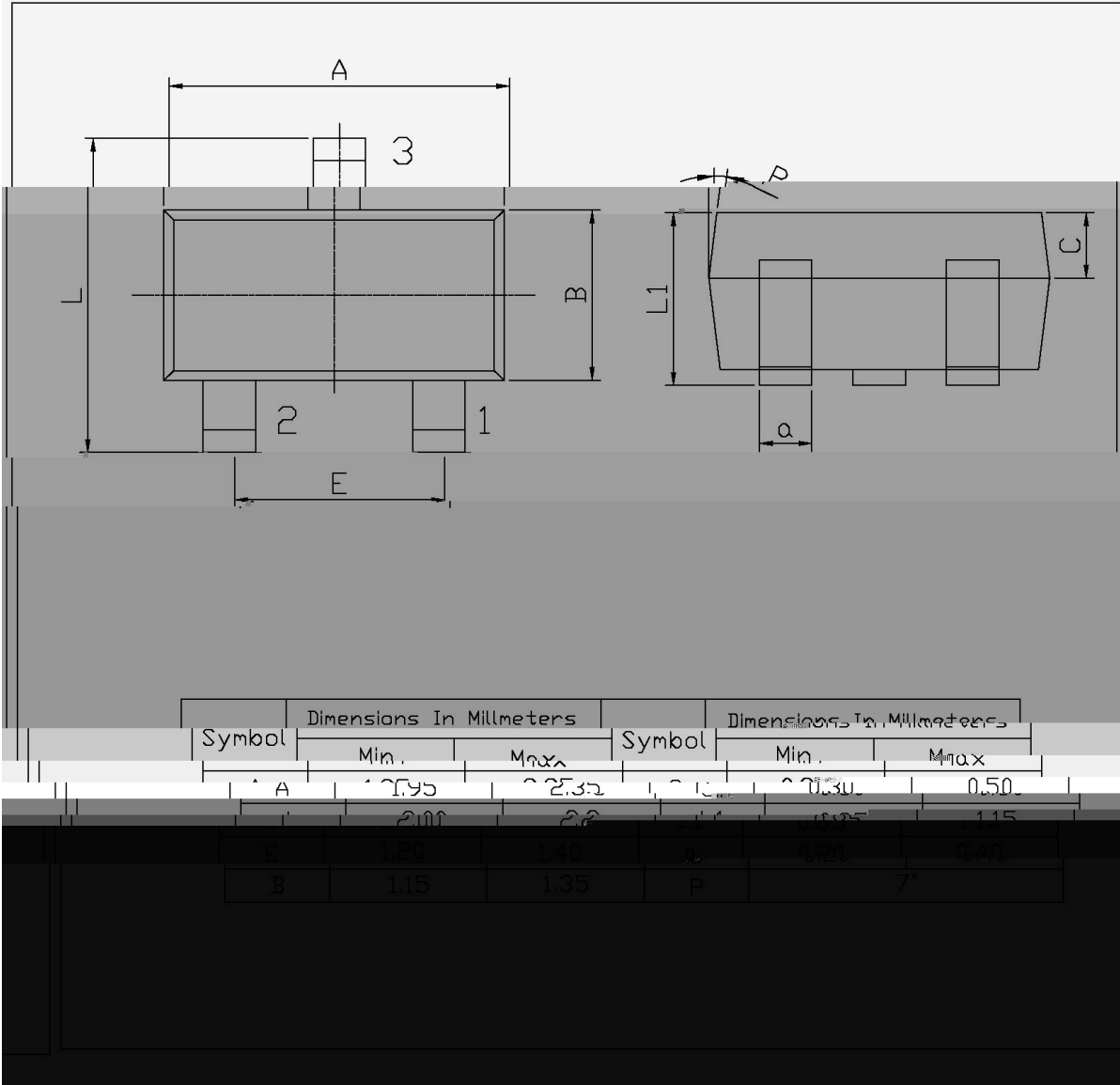
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector Cut-Off Current	I_{CBO}	$V_{CB}=180V$ $I_E=0$			0.1	A
Emitter to Base Current	I_{EBO}	$V_{EB}=6.0V$ $I_C=0$			0.1	A
	$h_{FE(1)}$	$V_{CE}=5.0V$ I_C				

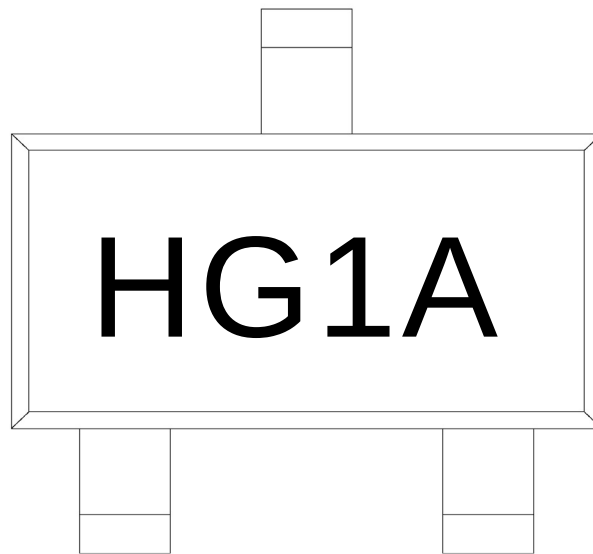
DC Current Gain



SOT-323

单位：mm





H

G1

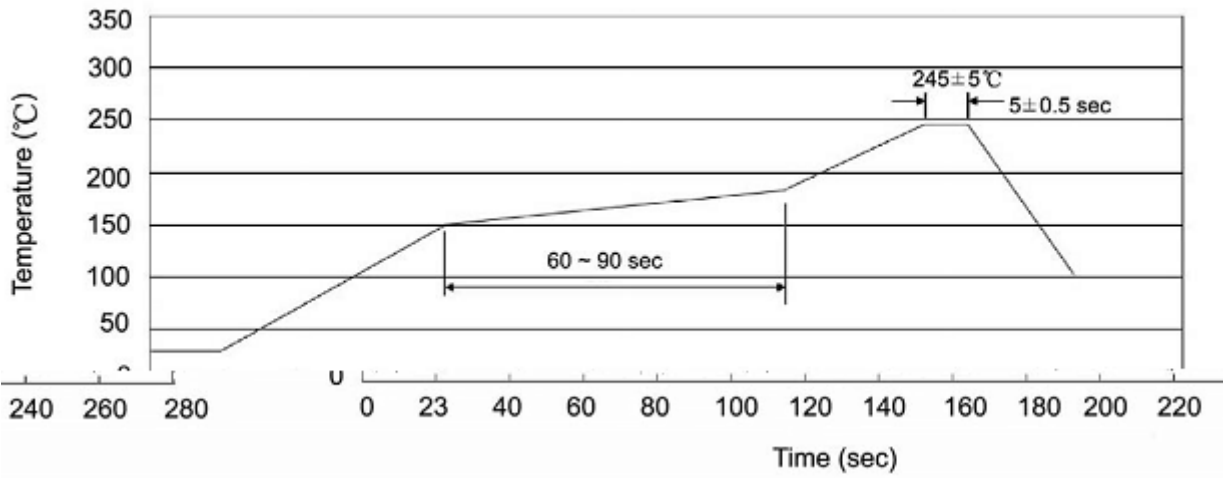
A h_{FE}

Note:

H: Company Code.

G1 Product Type.

A h_{FE} Classifications Symbol



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.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ 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
						"		