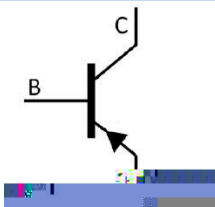


Silicon PNP transistor in a SOT-23 Plastic Package.

Complementary to MMBTA05.

Ideal for medium power amplification and switching.

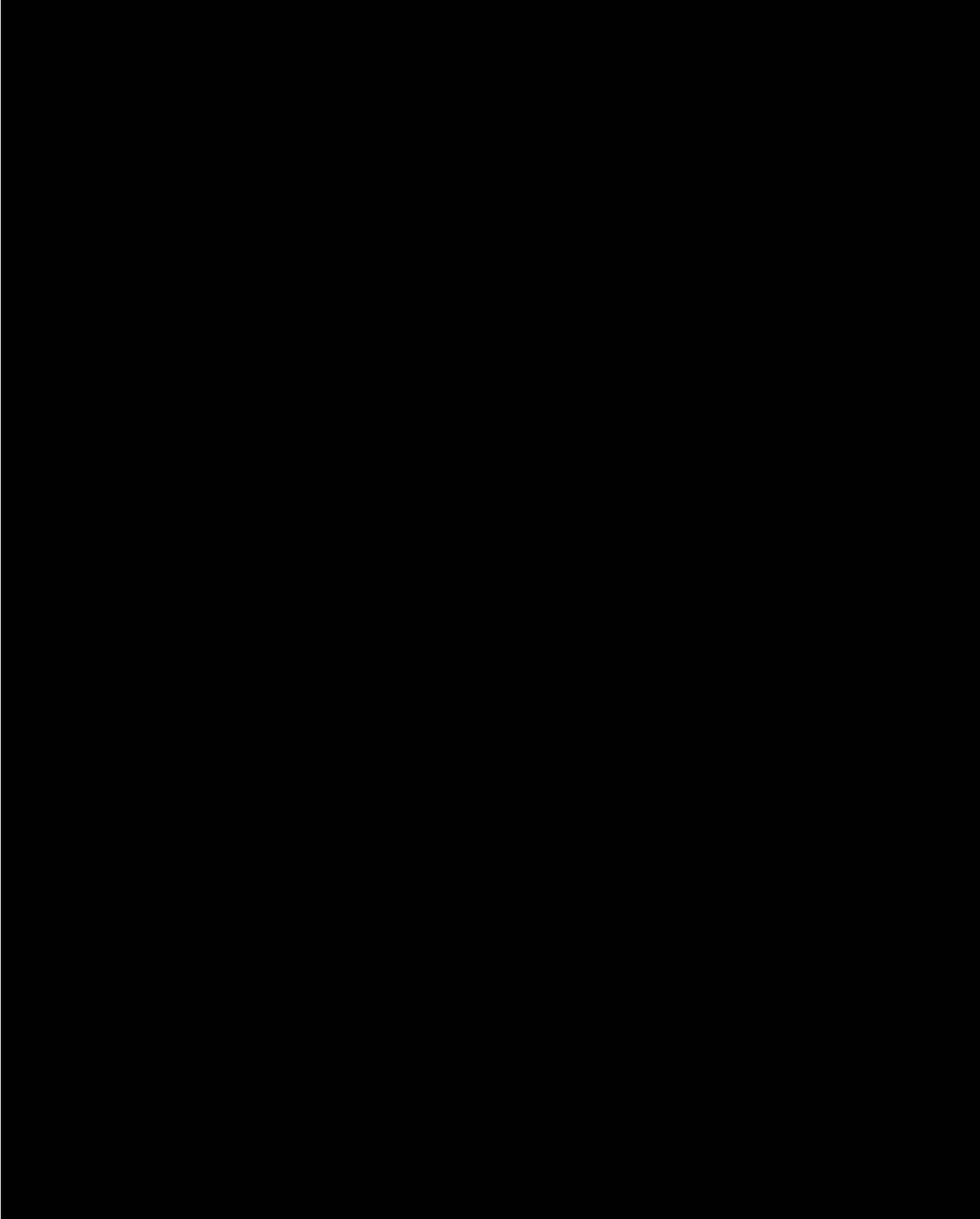


PIN1 Base PIN 2 Emitter PIN 3 Collector

h _{FE} Range	100 300
Marking	H2H

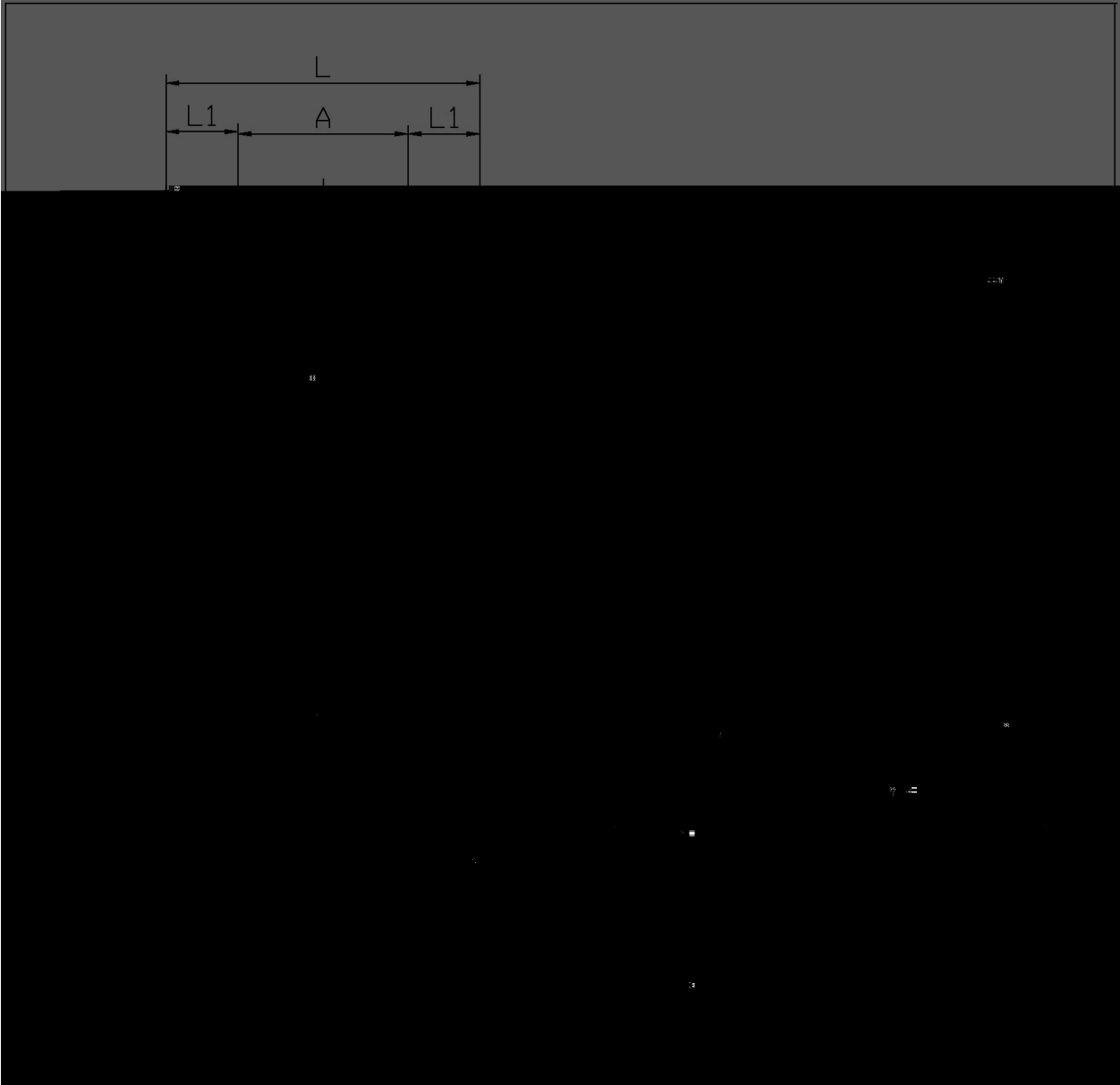
Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	-60	V
Collector to Emitter Voltage	V_{CEO}	-60	V
Emitter to Base Voltage	V_{EBO}	-4.0	V
Collector Current	I_C	-500	mA
Collector Power Dissipation	P_D	300	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

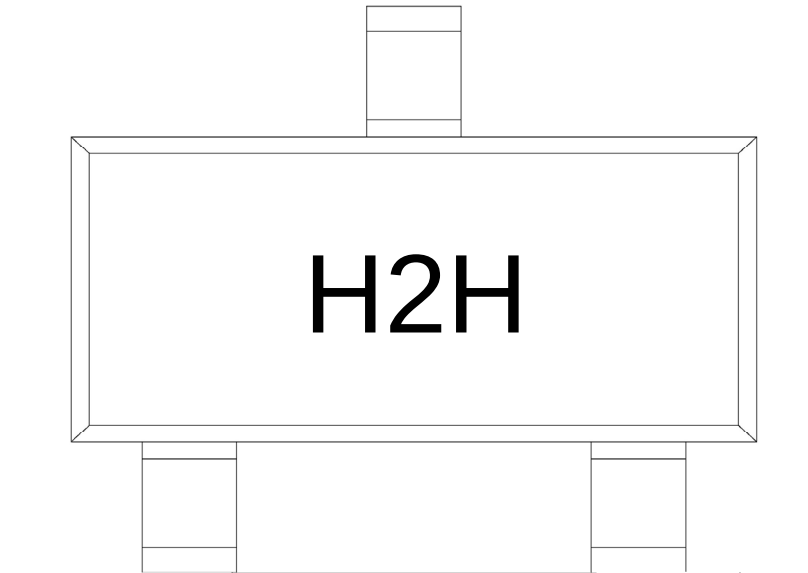
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector to Base Breakdown Voltage	V_{CBO}	$I_C = -100\text{ A}$ $I_E = 0$	-60			V
Collector to Emitter Breakdown Voltage	V_{CEO}	$I_C = -1.0\text{mA}$ $I_B = 0$	-60			V
Emitter to Base Breakdown Voltage	V_{EBO}	$I_E = -100\text{ A}$ $I_C = 0$	-4.0			V
Collector Cut-Off Current	I_{CBO}	$V_{CB} = -60\text{V}$ $I_E = 0$			-0.1	A
Collector Emitter Cutoff Current	I_i					



SOT-23

单位: mm



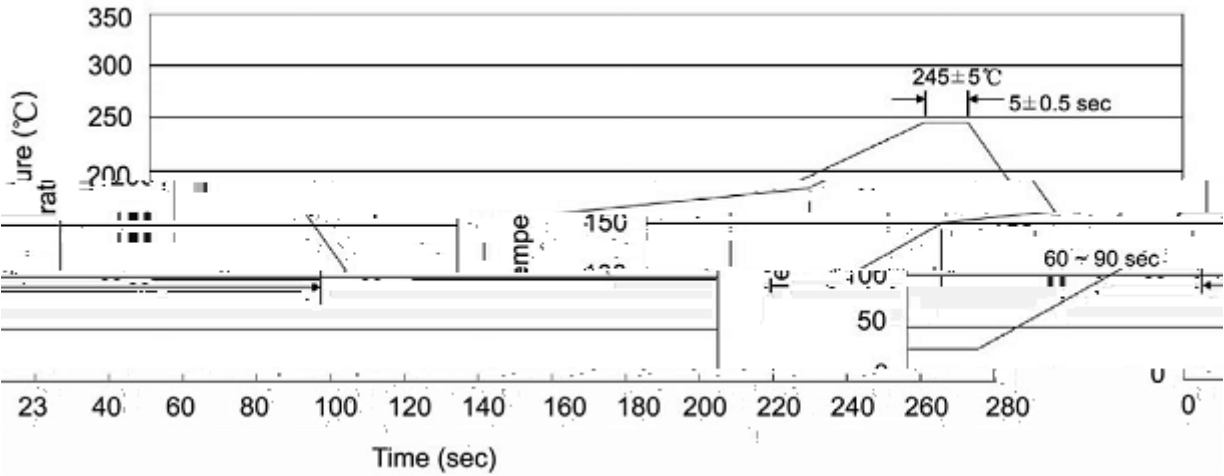


Note:

Company Code

Product Type

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;

2

245 5

5 0.5sec;

3

2 10 /sec.
- 1.Preheating:25~150 , Time:60~90sec.

2.Peak Temp.:245 5 , Duration:5 0.5sec.

3. Cooling Speed: 2~10 /sec.

260 5

10 1 sec.

Temp.:260±5

Time:10±1 sec

/ 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	180,000	7 ×8	180×120×180	390×385×205