Rev.E Mar.-2016

‶Yت

Silicon NPN transistor in a SOT-323 Plastic Package.

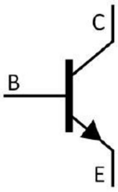
◕ Ȅ

High P_C and h_{FE}, excellent h_{FE} linearity, complementary pair with 9015W.

٧ ډ

Low frequency, low noise pre-amplifier.

ȠϘ ᾷ ؏ ع



ẫ ﾉ ữ

PIN1 Emitter PIN 2 Base PIN 3 Collector

ȴ ʜ ڌ

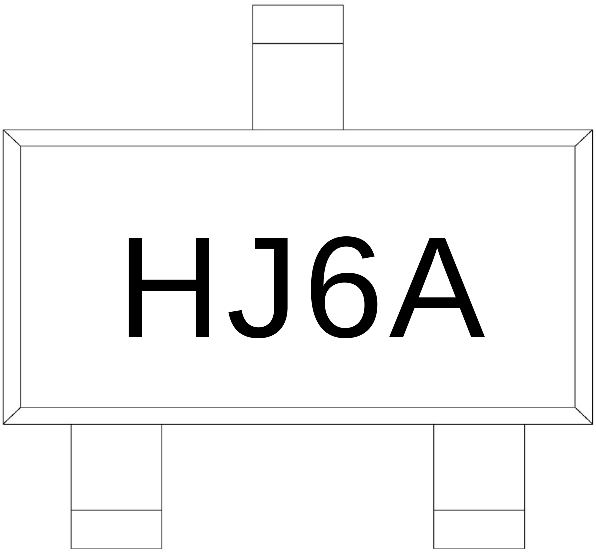
h_{FE} Classifications Symbol	A	B	C	D
h_{FE} Range	60 150	100 300	200 600	400 1000
Marking	HJ6A	HJ6B	HJ6C	HJ6D

Parameter	Symbol	Rating	Unit
Collector to Base Voltage	V_{CBO}	50	V
Collector to Emitter Voltage	V_{CEO}	45	V
Emitter to Base Voltage	V_{EBO}	5.0	V
Collector Current - Continuous	I_C	100	mA
Collector Power Dissipation	P_C	250	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=0.1mA I_E=0	50			V
Collector to Emitter Breakdown Voltage	V_{CEO}	I_C=1.0mA I_B=0	45			V
Emitter to Base Breakdown Voltage	V_{EBO}	I_E=0.1mA I_C=0	5.0			V
Collector Cut-Off Current	I					

Rev.E Mar.-2016

Ł. LΏ

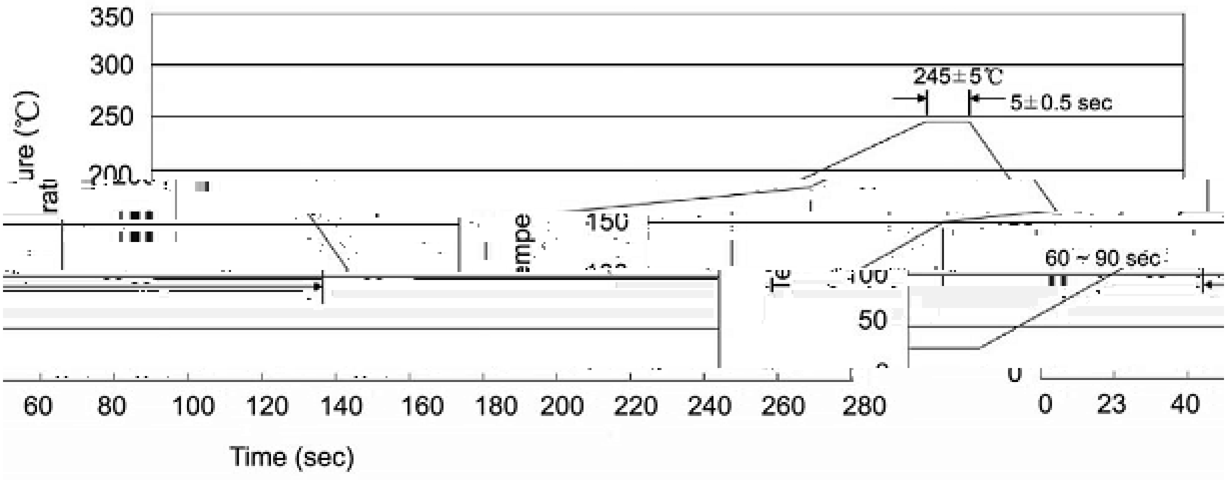


Note:

H:	Company Code.
J6:	Product Type.
A	h_{FE} Classifications Symbol

Rev.E Mar.-2016

ŧħ ʃ ╖ ŵ΄Ε Ⅵ ʄ ώ̤ʊ̈ Wh p shudwxuh Su r iloh i ru LU Uhi lo r z V r oghulq j +Se0 luhh,



1	25 150 60 90sec;	Note:

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.

ɺ ü q ̄ˋY Ţ

260 5 10 1 sec.

Temp.:260±5 Time:10±1 sec

ɘ Ŀ ≺—

/ 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-323	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

ä ɐ ʟ˝Ω