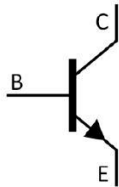


SOT-323	NPN	Silicon NPN transistor in a SOT-323 Plastic Package.
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High h_{FE} , Low $V_{CE(sat)}$, complements the 2SB1218A.

General amplifier applications.

Λφ̃ α = ε / Equivalent Circuit



PIN1	Emitter	PIN 2	Base	PIN 3	Collector
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4. H 2 / Marking

h _{FE} Classifications Symbol	Q	R	S
h _{FE} Range	160 260	210 340	290 460
Marking	HZQ	HZR	HZS

19A

2016

Parameter

to Base Voltage

to Emitter Voltage

to Base Voltage

Current - Continuous

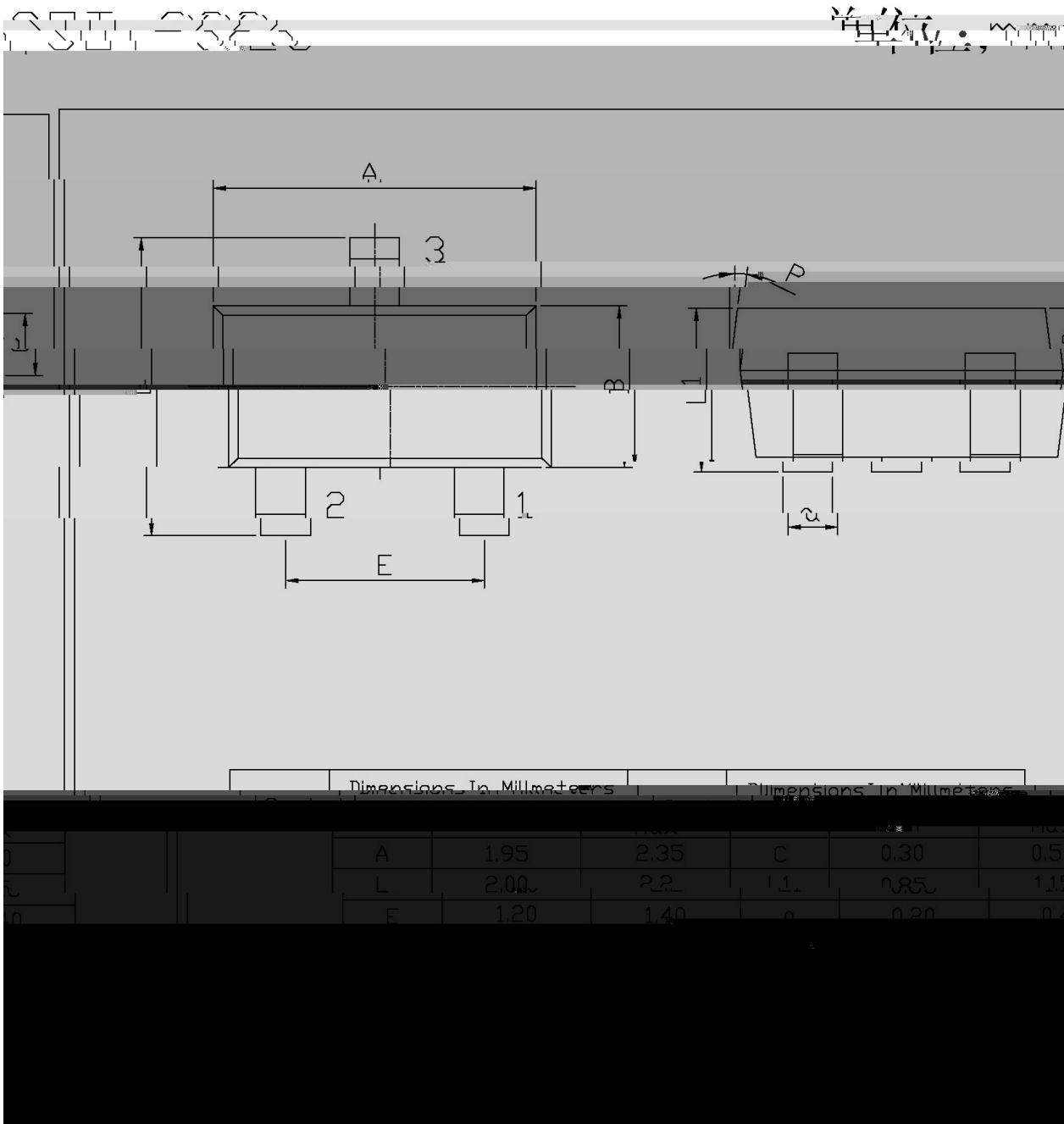
Current – Continuous(Pulse)

Power Dissipation

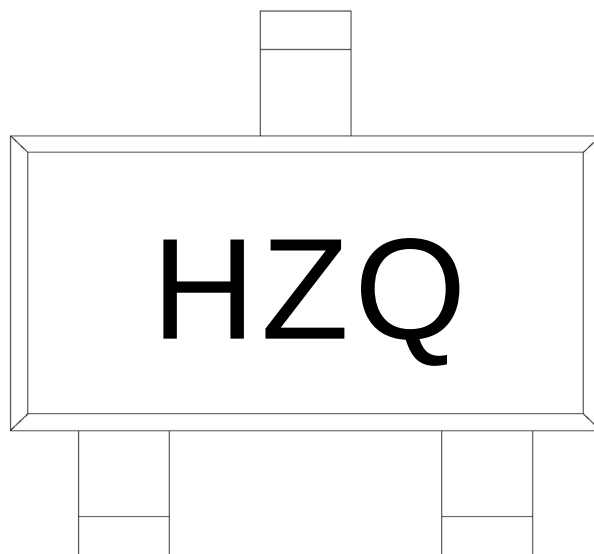
Junction Temperature

Storage Temperature

Package Dimensions



4. 1. 1 / Marking Instructions



H

Z

Q h_{FE}

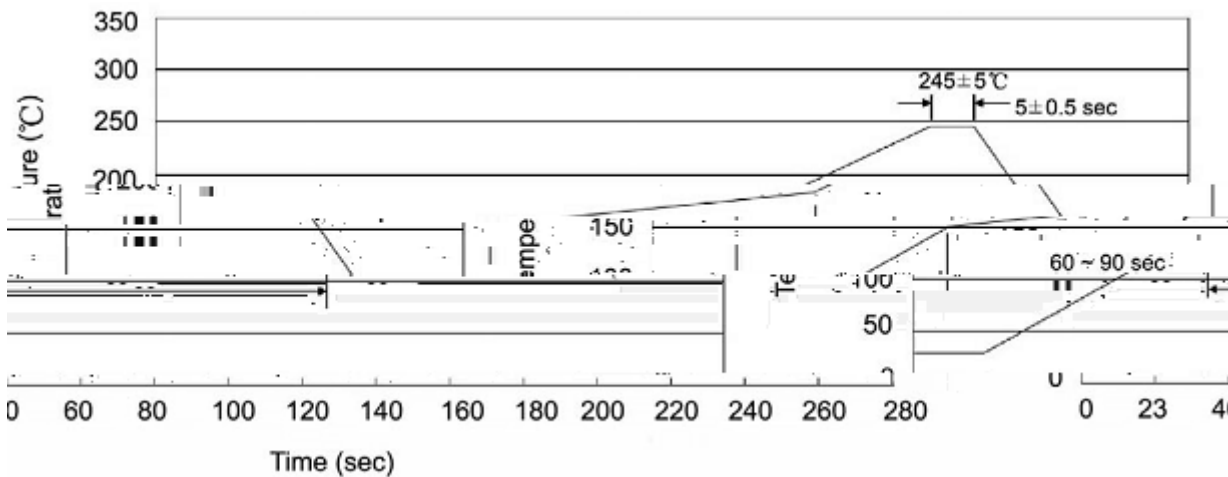
Note:

H: Company Code.

Z: Product Type.

Q: h_{FE} Classifications Symbol

Whp shudwxuh Suriloh i ru LU Uhior z Vroghulqj+Se0l uhh,



Note:

1. Preheating: 25~150 , Time: 60~90sec.
2. Peak Temp.: 245±5 , Duration: 5±0.5sec.
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)		
	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

Notices /