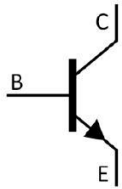


SOT-323	NPN	Silicon NPN transistor in a SOT-323 Plastic Package.
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High h_{FE} , Low $V_{CE(sat)}$, complements the 2SB1218A.

General amplifier applications.

/ Equivalent Circuit



PIN1	Emitter	PIN 2	Base	PIN 3	Collector
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/ Marking

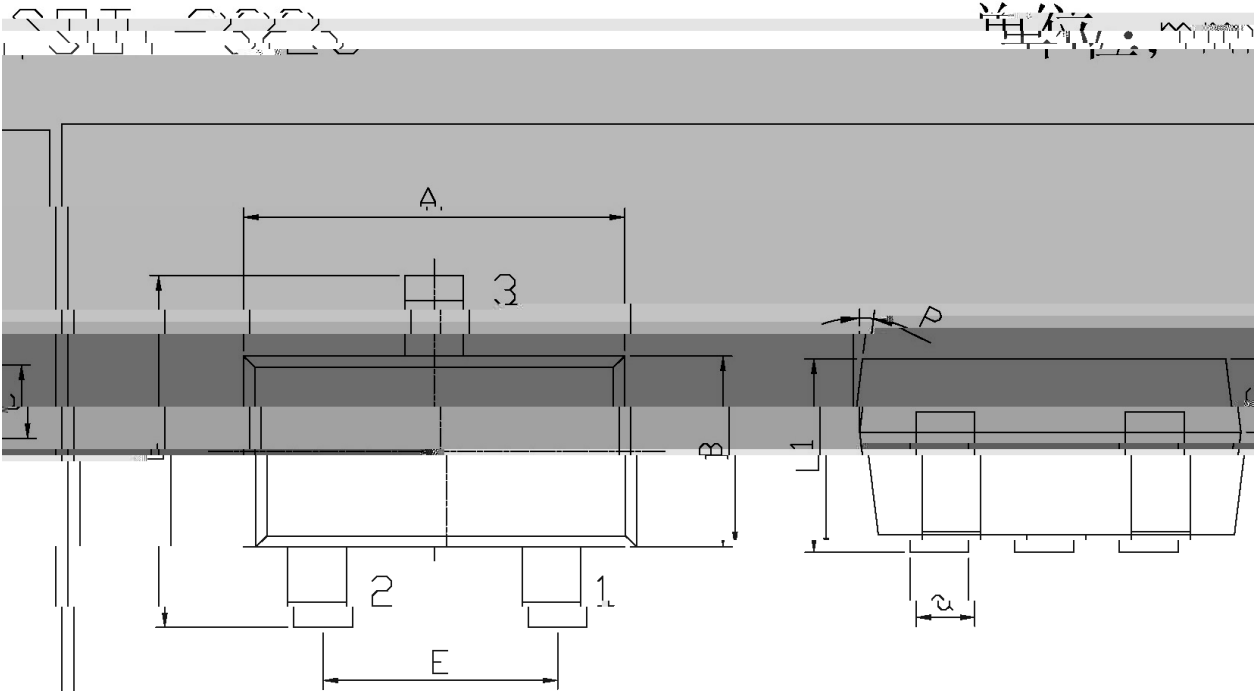
h _{FE} Classifications Symbol	Q	R	S
h _{FE} Range	160 260	210 340	290 460
Marking	HZQ	HZR	HZS

19A

2016

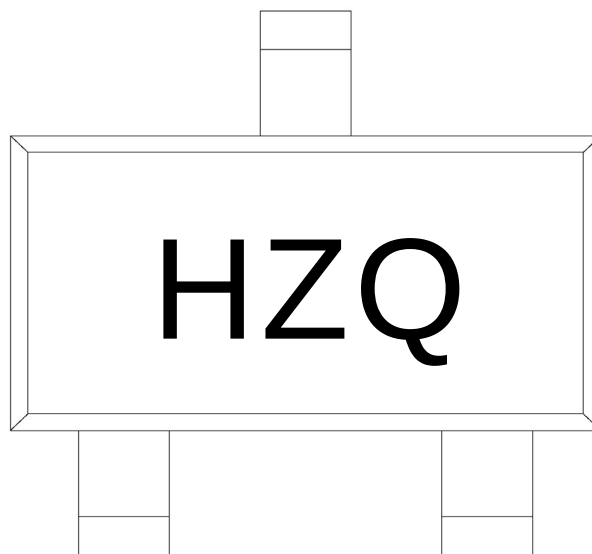
Parameter
V _{CE} to Base Voltage
V _{CE} to Emitter Voltage
V _{CE} to Base Voltage
I _C Current - Continuous
I _C Current – Continuous(Pulse)
P _D Power Dissipation
Junction Temperature
Storage Temperature

/ Package Dimensions



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	1.95	2.35	C	0.30	0.50
L	2.00	2.2	D	0.85	1.15
E	1.20	1.40	P	0.20	0.40
	R ₁	1.15	1.35		7°

/ Marking Instructions



H

Z

Q h_{FE}

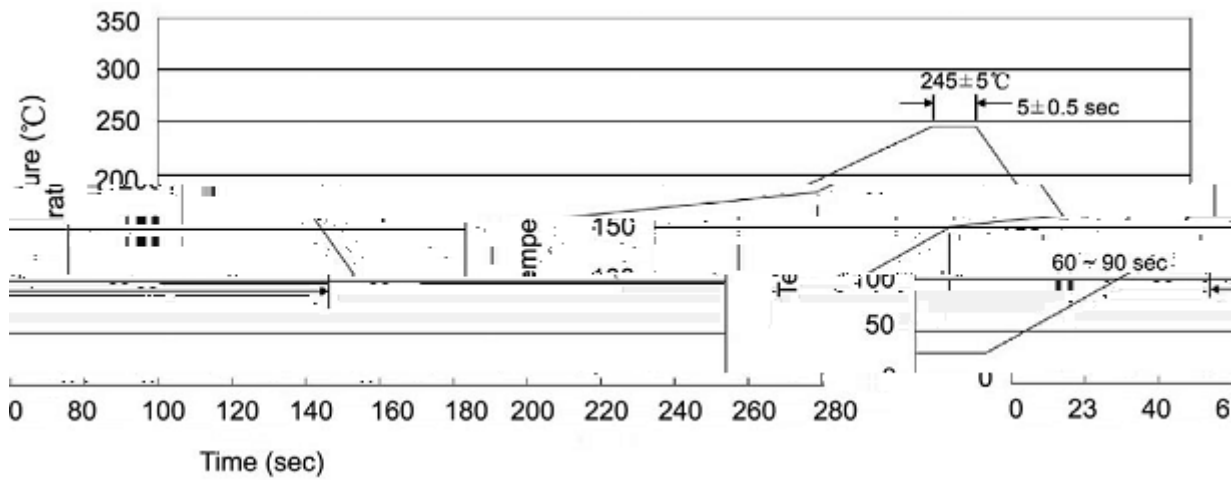
Note:

H: Company Code.

Z: Product Type.

Q: h_{FE} Classifications Symbol

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



Note:

- | | | | | | |
|---|-------|-----|----|-----------|---|
| 1 | 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. |

/ 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 /