

BR2SC4081WQ

Rev.A Apr.-2023



DATA SHEET

SOT-323

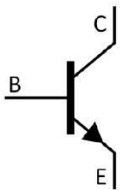
NPN

Silicon NPN transistor in a SOT-323 Plastic Package.

AEC-Q101

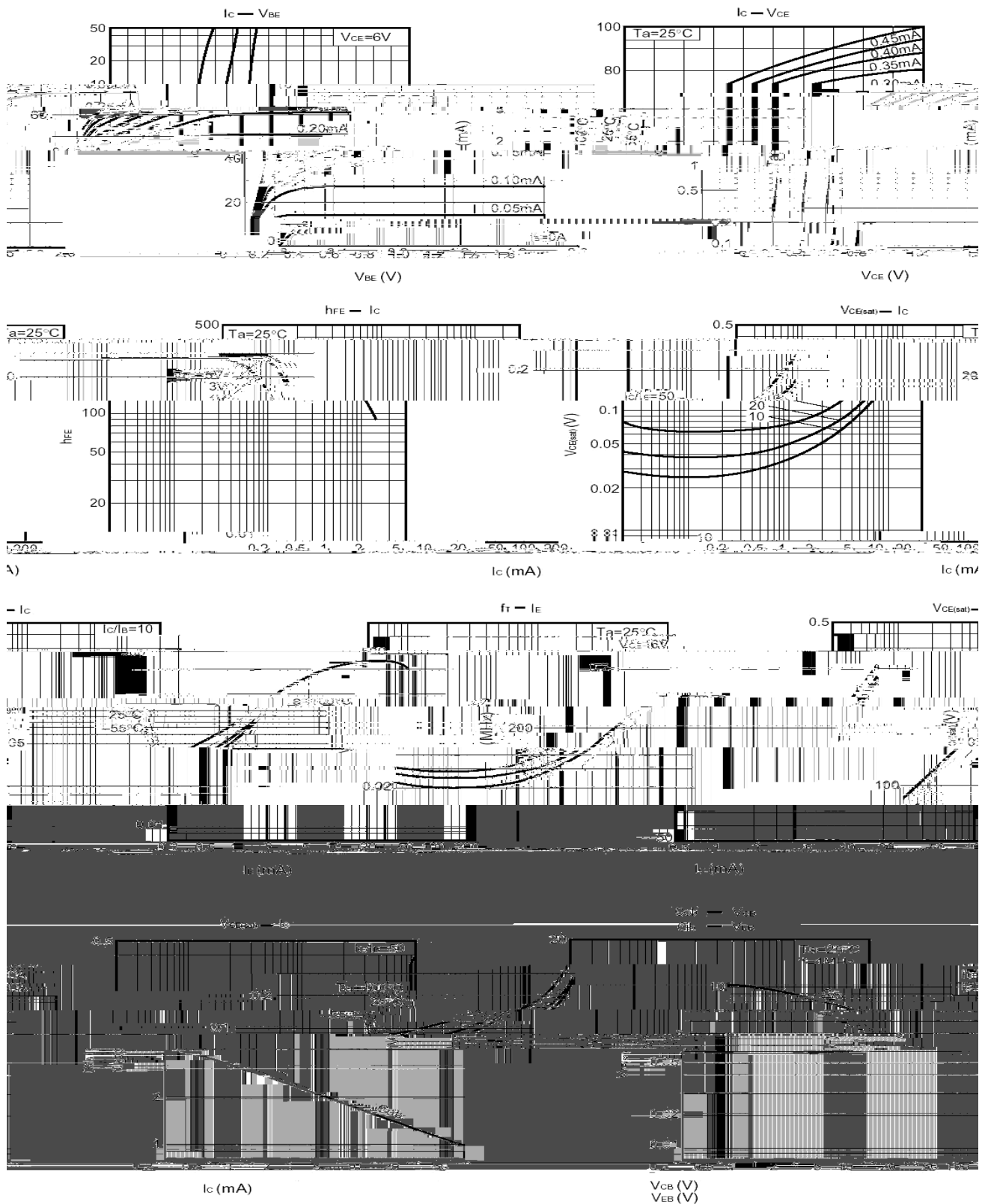
Low C_{ob} , Qualified to AEC-Q101 Standards for High Reliability, HF Product.

General amplifier, Meet the stringent requirements of automotive applications.



Parameter

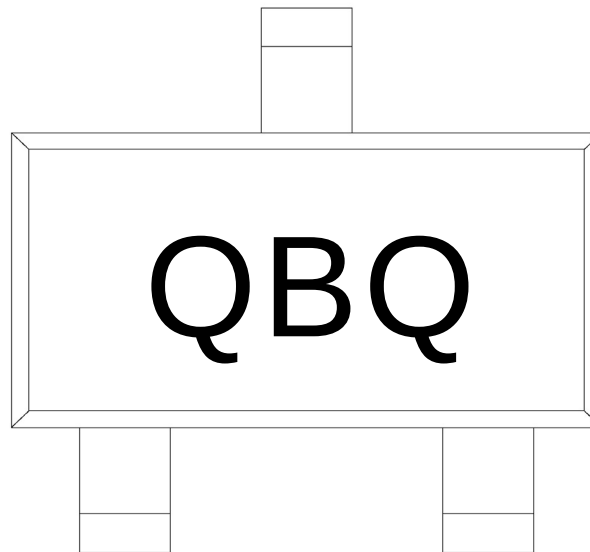
/ Electrical Characteristic Curve



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Rev.A 0 13.98 62.9.495. .84o137(n4.6(023))J8.99635403 9 145.8Tc.0028 Tw[2224Q)Tj/TT4

/ Marking Instructions



Q

B

Q

h_{FE}

Note:

Q: Automobile halogen-free product Code

B: Product Type

Q: h_{FE} Classifications Symbol

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

- 1

150 200

60 120sec;

1.Preheating:150~200 , Time:60~120sec.
- 2

255±5

5±0.5sec;

2.Peak Temp.:255±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)
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