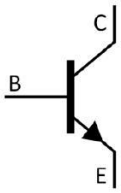
SOT-323 NPN Silicon NPN transistor in a SOT-323 Plastic Package.

AEC-Q101

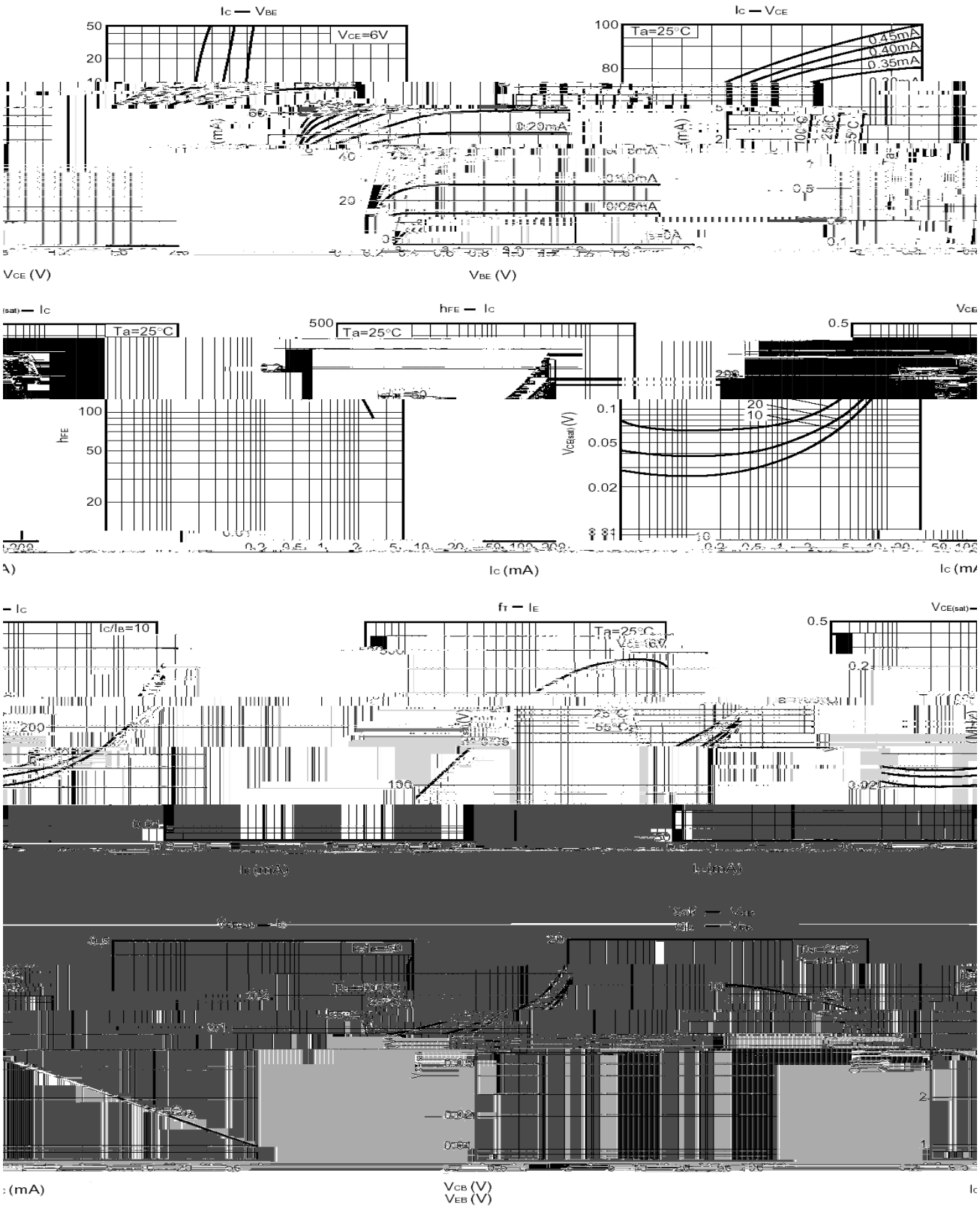
Low C_{ob}, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

General amplifier, Meet the stringent requirements of automotive applications.



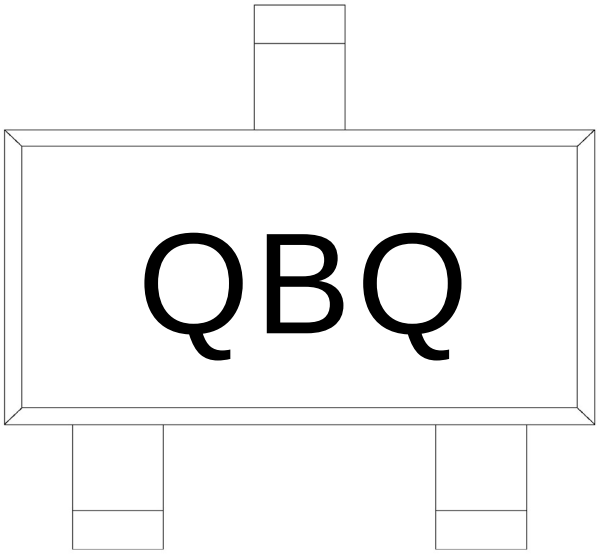
Parameter

/ Electrical Characteristic Curve



BR2SC4081WQ

/ 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)