

# BRBAT54WQ

Rev.A Oct.-2025

## / Descriptions

SOD-123

Schottky Diode in a SOD-123 Plastic Package.

## / Features

AEC-Q101

Schottky diodes, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

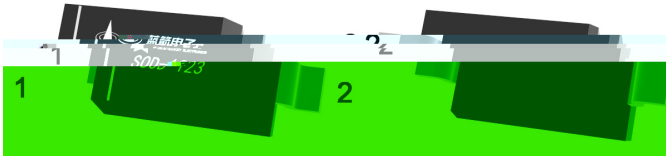
## / Applications

Small signal diode, Meet the stringent requirements of automotive applications.

## / Equivalent Circuit



## / Pinning



PIN1:Cathode

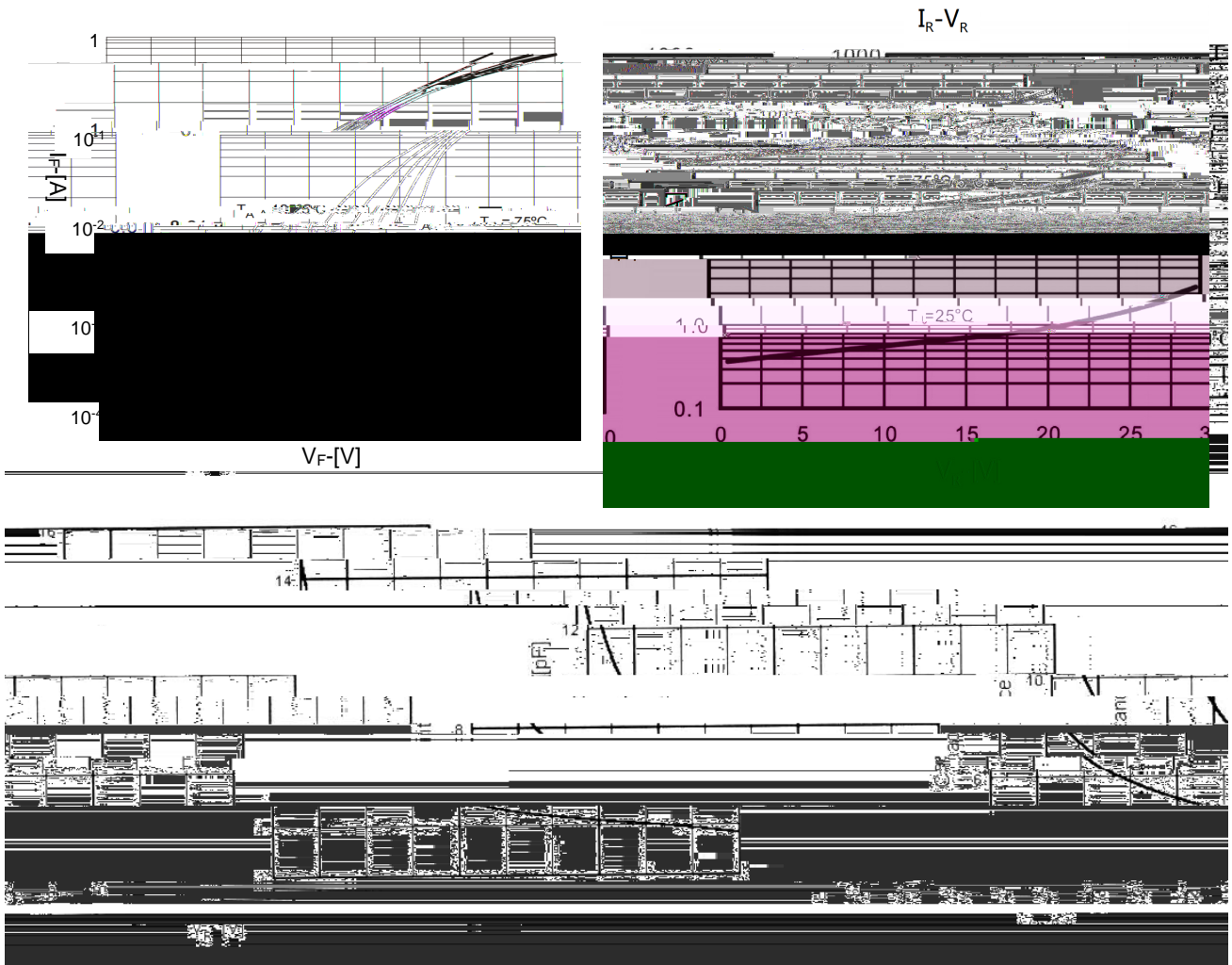
PIN2:Anode

## / Marking

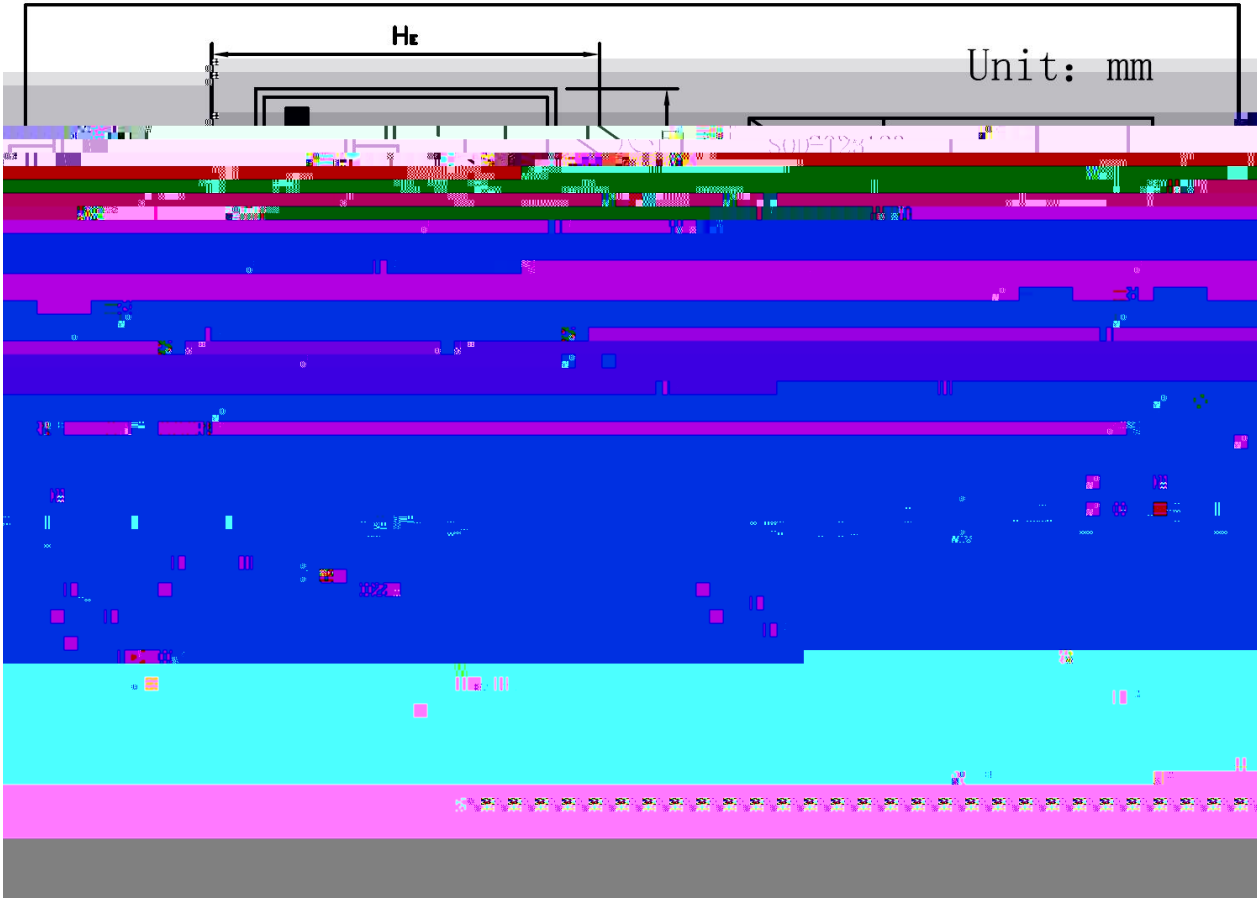
Marking	QL4
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/ Electrical Characteristic Curve



/ Package Dimensions





( ) / 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.

