

BRB5817WQ-BRB5819WQ

Rev.B Apr.-2023

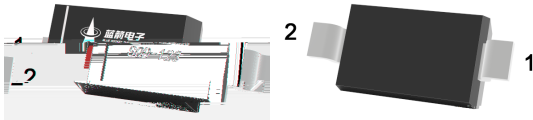
SOD-123

Schottky Diode in a SOD-123 Plastic Package.

H₁ DHF0T434

Low positive pressure drop, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

General purpose, Meet the stringent requirements of automotive applications.



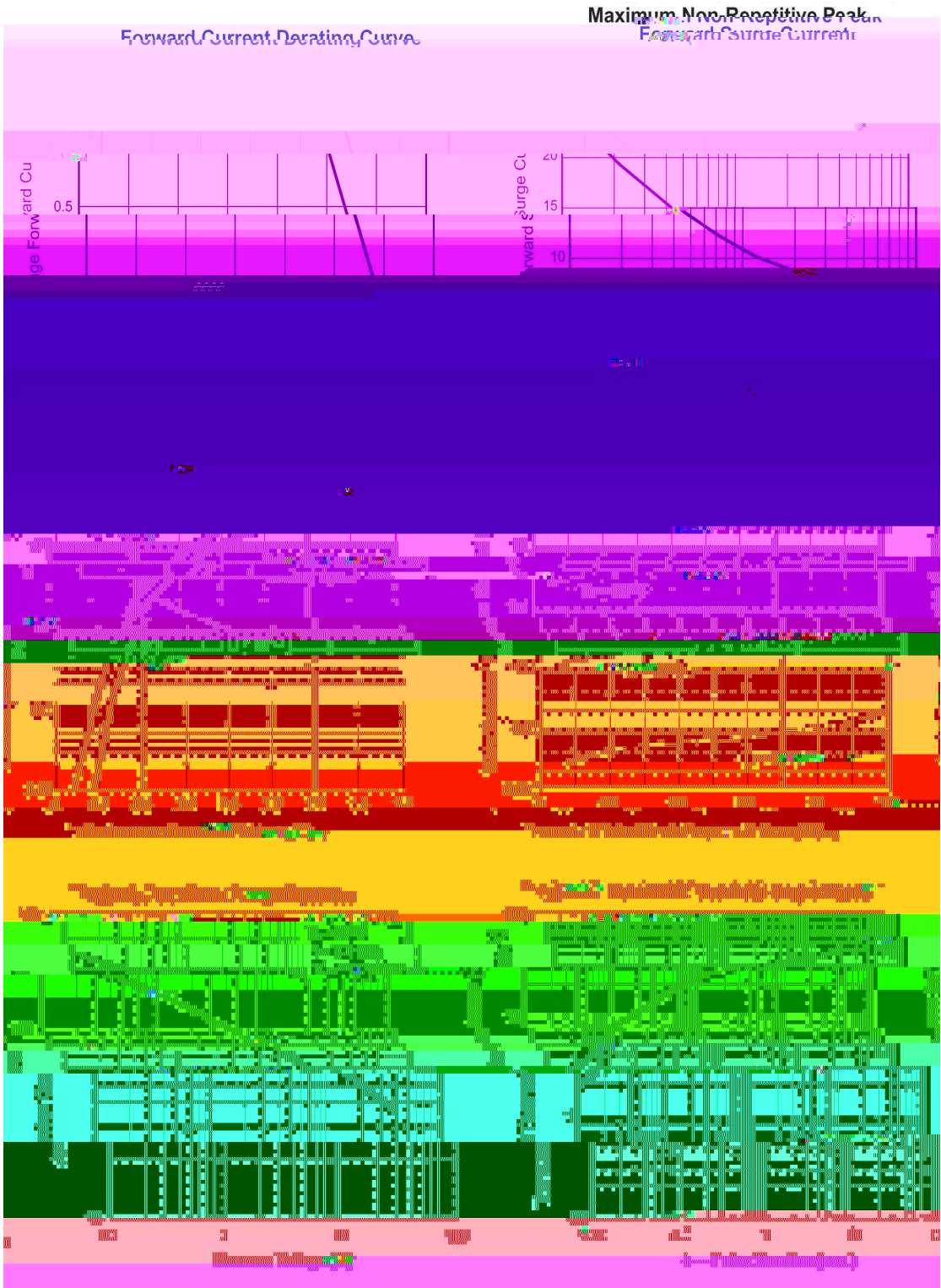
PIN1:Cathode

PIN2:Anode

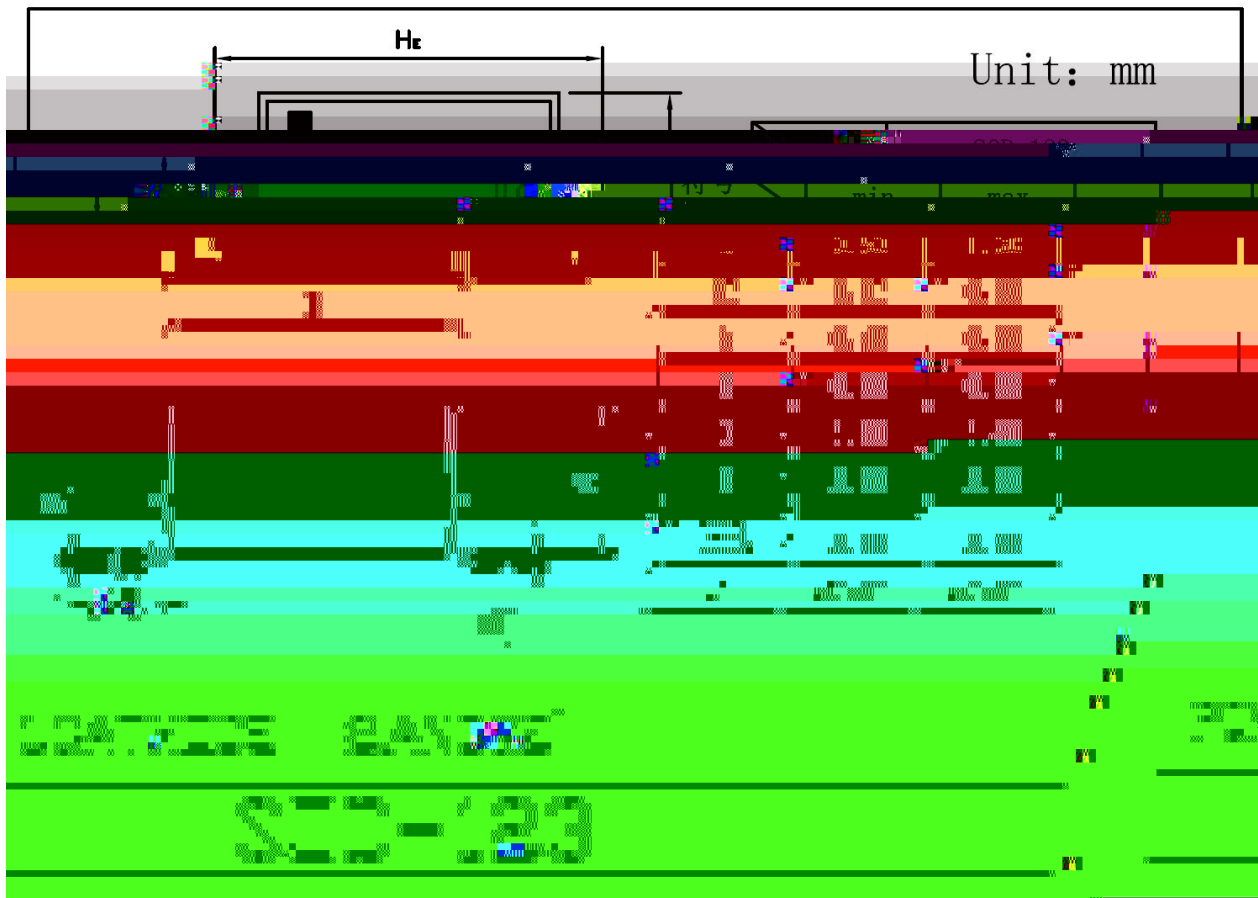
ApT2 1 T1.9951 012 62.94 772976 3 Tm0Tc0

Parameter	Symbol	Rating			Unit
		BRB5817WQ	BRB5818WQ	BRB5819WQ	
Peak Repetitive Reverse Voltage					

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



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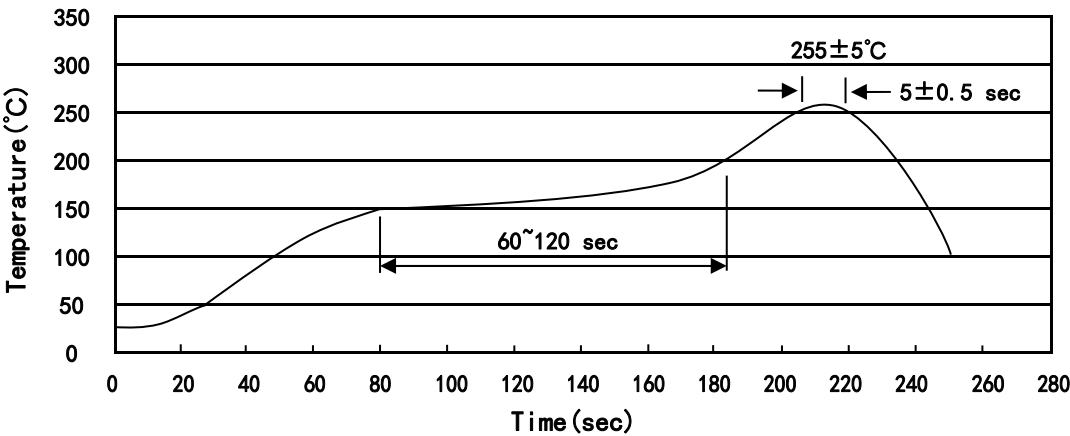
VM

Note:

Q: Automobile halogen-free product Code

SJ: Product Type

() / 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)		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOD-123	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices