

## / Descriptions

SOD-123

Schottky Diode in a SOD-123 Plastic Package.

## / Features

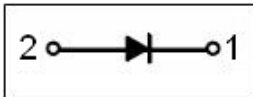
AEC-Q101

Low positive pressure drop, can ignore the reverse recovery time, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

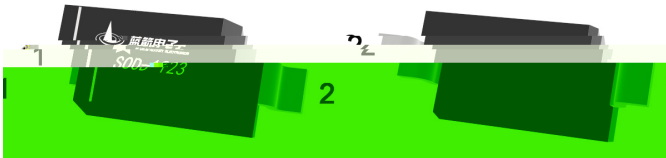
## / Applications

General purpose, Meet the stringent requirements of automotive applications.

## / Equivalent Circuit



## / Pinning



PIN1:Cathode

PIN2:Anode

## / Marking

Model	BRSD103AWQ	BRSD103BWQ	BRSD103CWQ
Marking	QS4	QS5	QS6

# BRSD103AWQ/BWQ/CWQ

Rev.A Nov.-2024



蓝箭电子  
BLUE ROCKET ELECTRONICS

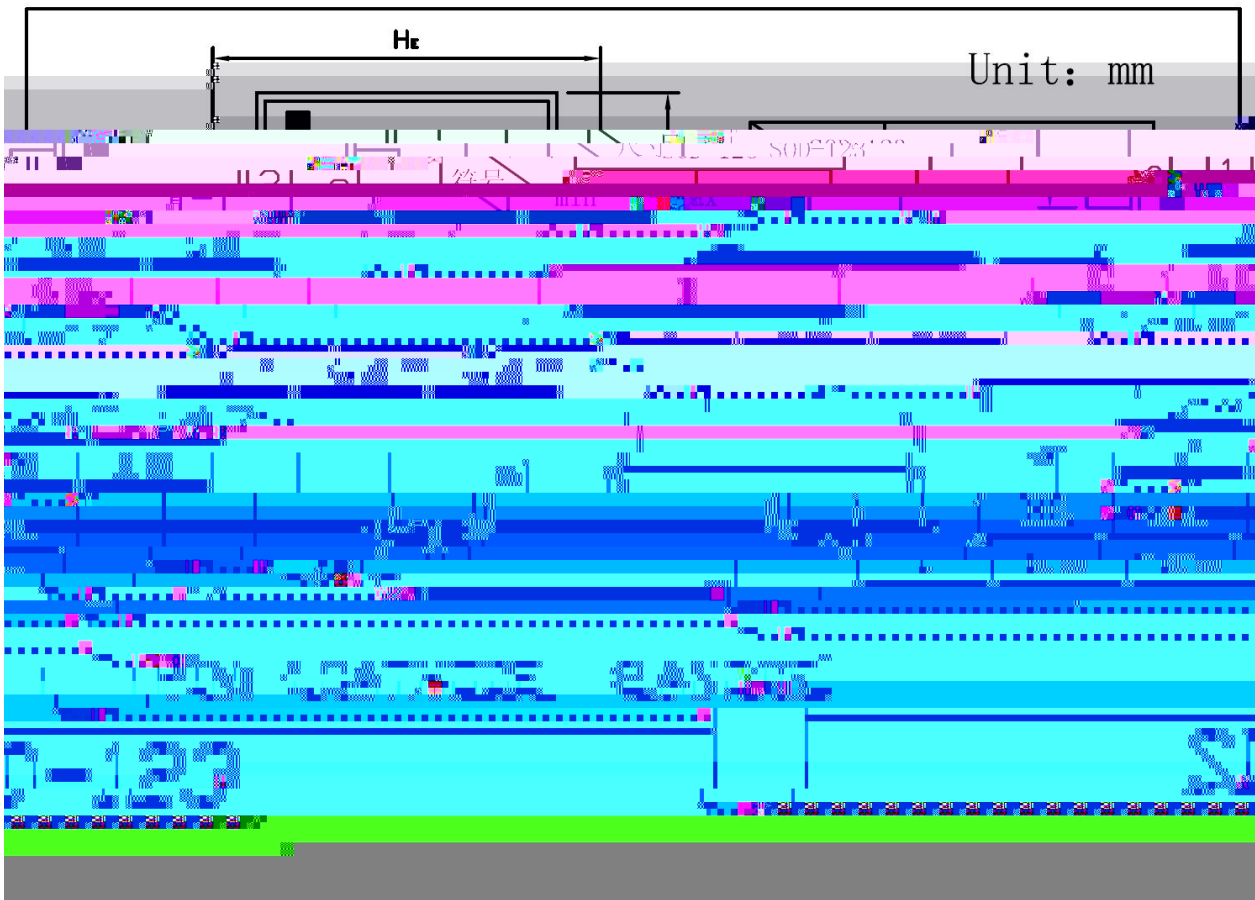
DATA SHEET

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward Breakdown Voltage	$V_{(BR)R}$	$I_R=100\mu A$	$V_R$			V
Peak Forward Voltage	$V_{FM}$	$I_F=20mA$			0.37	
		$I_F=200mA$			0.6	
	BRSD103AWQ	$V_R=30V$				
		$V_R=20V$			5	$\mu A$

B

**BRSD103AWQ/BWQ/CWQ**

/ Package Dimensions



**/ Marking Instructions**



Q

S5

Note:

Q: Automobile halogen-free product Code

S5: Product Type Code

( ) / 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.