



/ Revised record

G	2018-4				
A	2021-12-1 7	all	BR Q AEC-Q101 H Q 245±5°C 5±0.5sec 255±5°C 5±0.5sec		

BRBZT52CXXXQ

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DATA SHEET

SOD-123

Zener Diode in a SOD-123 Plastic Package.

500mW

AEC-Q101

500mW power dissipation, medium current, automated assembly processes, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

2.4V-39V

2.4V to 39V wdr 2.

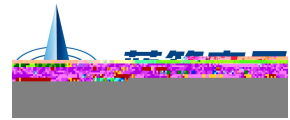
ZTC

参数 Parameter	符号 Symbol	数值 Rating	单位 Unit
Forward Voltage (Note 2) ($I_F=10mA$)	V_F	0.9	V
Power Dissipation(Note 1)	P_D	500	mW
Typical Thermal Resistance Junction to Ambient	$R_{\theta JA}$	305	$^{\circ}C/W$
Junction and Storage Temperature Range	T_j, T_{stg}	-65~150	$^{\circ}C$

Type	Number	Mark -ing Code	Zener Voltage Range (Note 2)	Maximum Zener mpedance (Note 3)	Maximum Reverse Current (Note 2)	Typical Temperature Coefficient @ I_{ZTC} mVe
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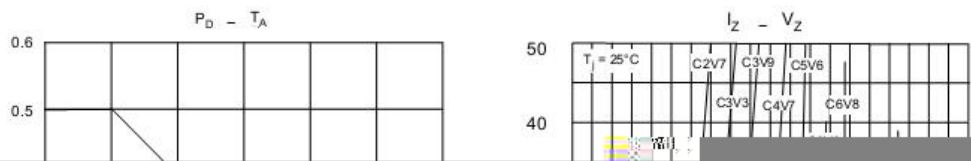
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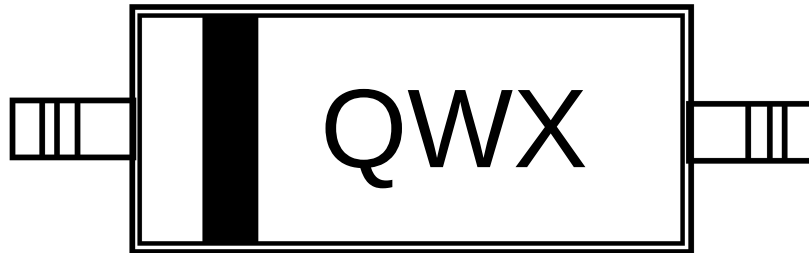
DATA SHEET

/ Electrical Characteristic Curve





/ Marking Instructions



Q

WX

Note:

Q: Automobile halogen-free product Code

WX: Product Type Code

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