



/ 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		

/ Descriptions

SOD-123

Zener Diode in a SOD-123 Plastic Package.

/ Features

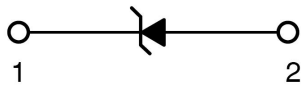
500mW , AEC-Q101

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

/ Applications

2.4V-39V

2.4V to 39V wide zener voltage range applications, Meet the stringent requirements of automotive applications.

/ Equivalent Circuit**/ Pinning**

1 2

PIN1:Cathode PIN2:Anode

/ Marking

See Electrical Characteristics.

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DATA SHEET

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 Temperature Range			

Type Number Mark
-ing
Code

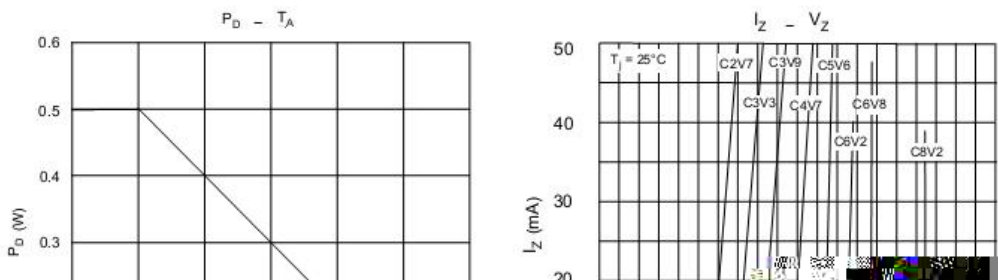
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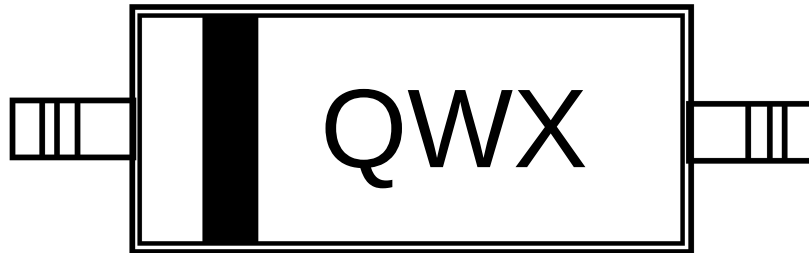


DATA SHEET

/ Electrical Characteristic Curve



/ Marking Instructions



Q

WX

Note:

Q: Automobile halogen-free product Code

WX: Product Type Code

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