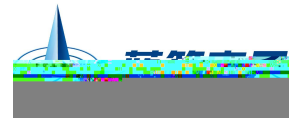


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DATA SHEET

/ Descriptions

SOD-123

Zener Diode in a SOD-123 Plastic Package.

/ Features

500mW

AEC-Q101

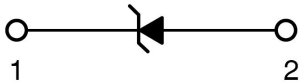
500mW power dissipation, medium current, automated assembly processes, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

/ 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

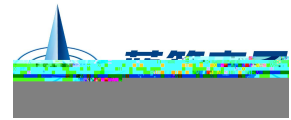
PIN2:Anode

/ 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_{JA}	305	$^{\circ}C/W$
Junction and Storage Temperature Range	T_j, T_{stg}	-65~150	$^{\circ}C$

Type Number

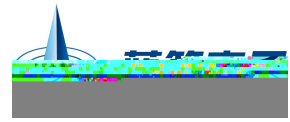
Mark
-ing
Code

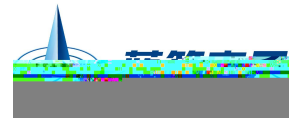
Zener Voltage Range
(Note 2)

Maximum Zener
mpedance (Note 3)

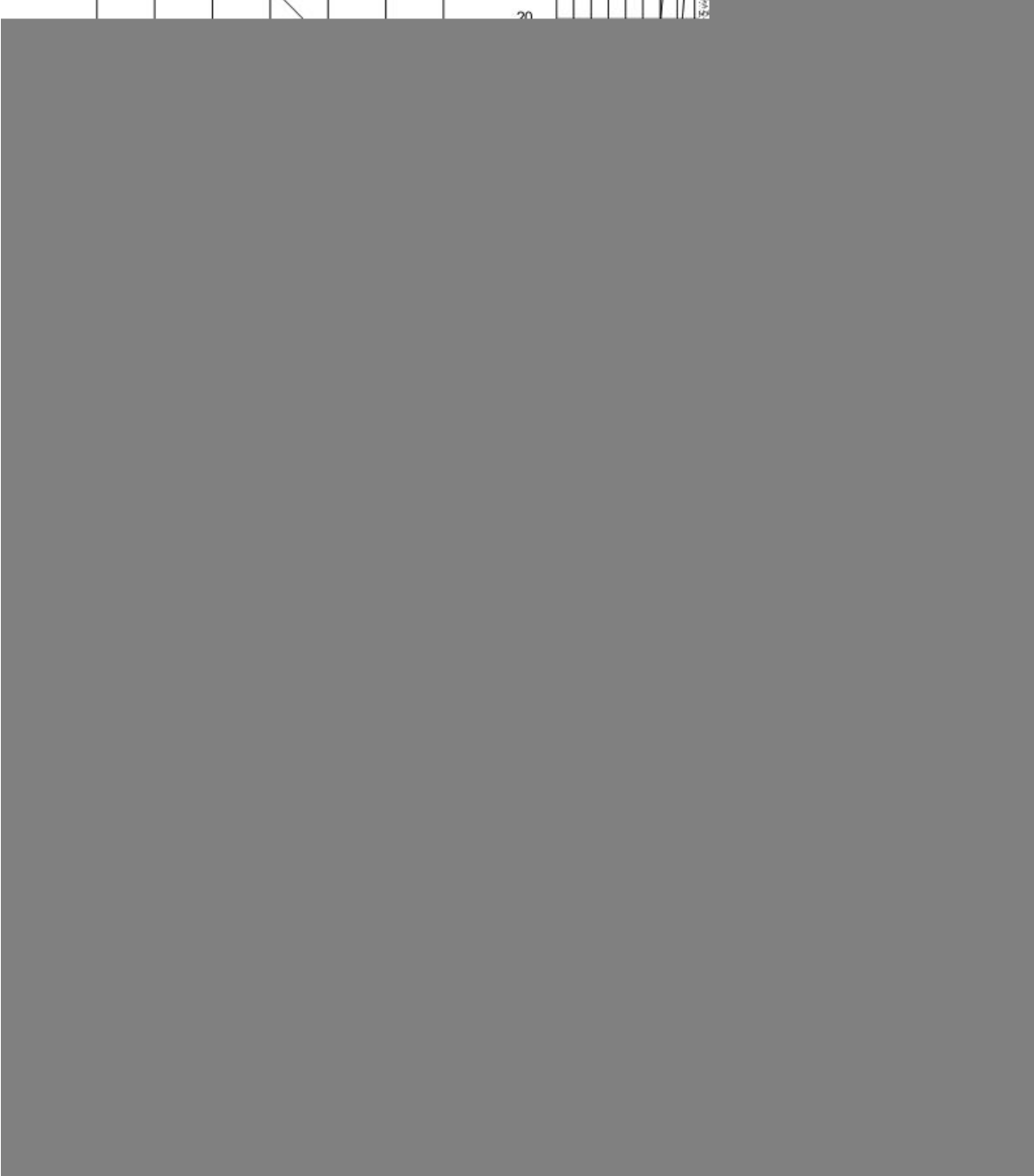
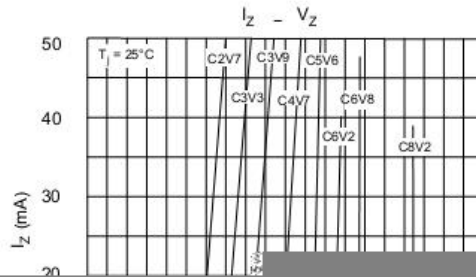
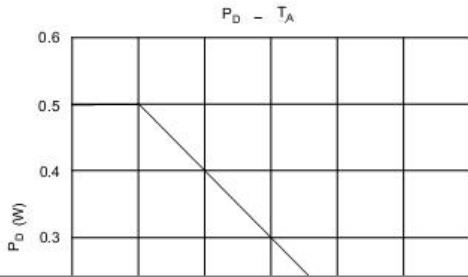
Maximum
Reverse
Current
(Note 2)

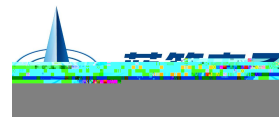
Typical
Temperature
Coefficient
@ I_{ztc}



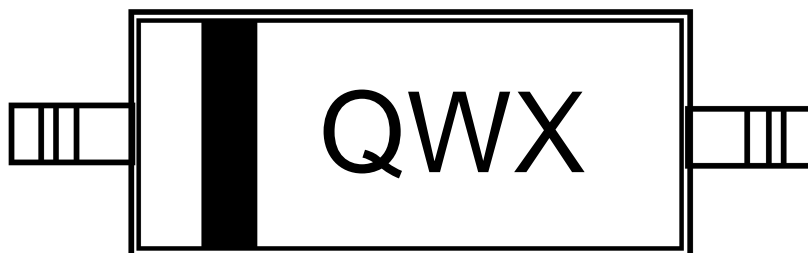


/ Electrical Characteristic Curve





/ Marking Instructions



Q

WX

Note:

Q: Automobile halogen-free product Code

WX: Product Type Code

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