



--	--	--	--	--



Rev.A Apr.-2022

SOD-323

Zener Diode in a SOD-323 Plastic Package.

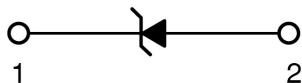
200mW

AEC-Q101

200mW Power dissipation, medium current, automated assembly processes, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

2.4V-3 V

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



PIN1:Cathode

PIN2:Anode

See Electrical Characteristics.



Rev.A Apr.-2022

Parameter	Symbol	Rating	Unit
Forward Voltage (Note 2) ($I_F=10mA$)	V_F	0.9	V
Power Dissipation(Note 1)	P_D	200	mW
Typical Thermal Resistance Junction to Ambient(Note 1)	$R_{\theta JA}$	625	$^{\circ}C/W$
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
------	--------	----------------------	---------------------------------	------------------------------------	---	---



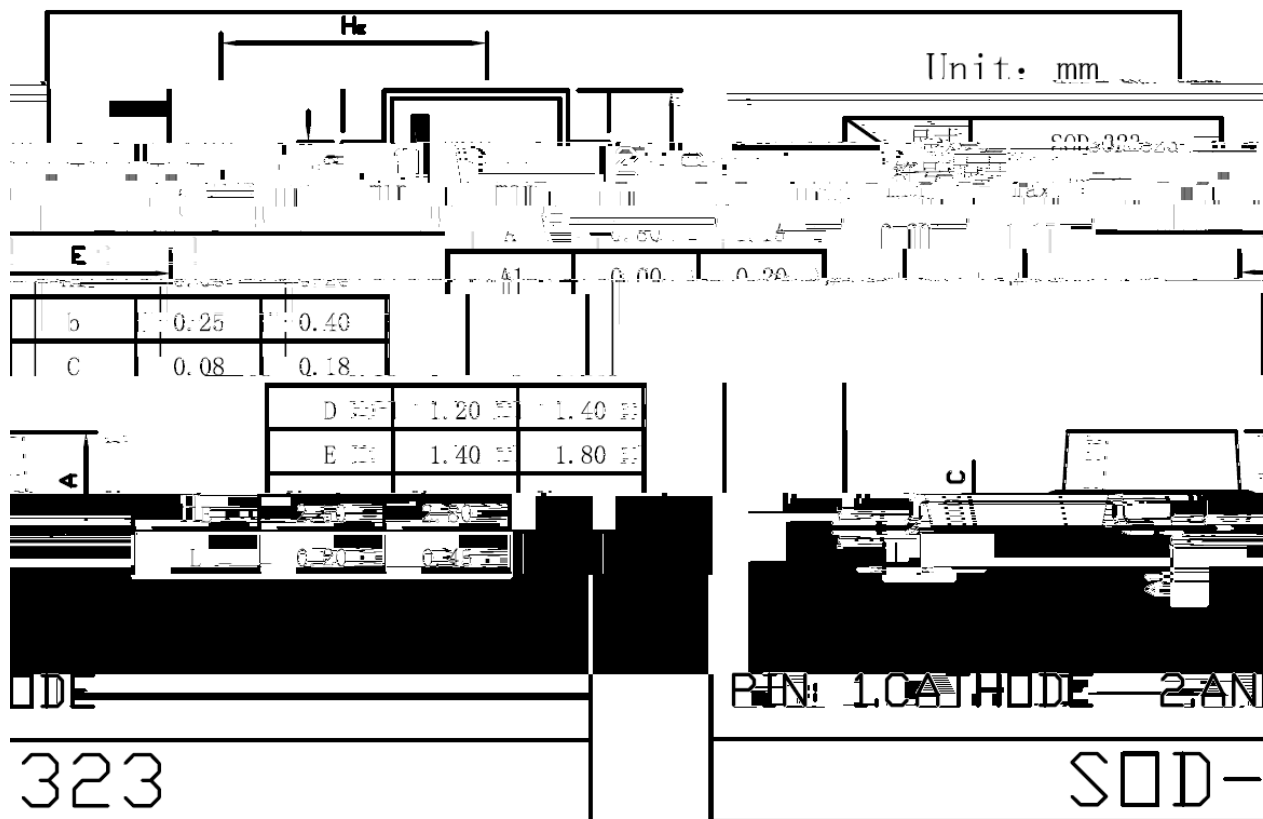
Type	Number	Marking Code	Zener Voltage Range (Note 2)	Maximum Zener mpedance (Note 3)	Maximum Reverse Current (Note 2)	Typical Temperature Coefficient @I _{ZTC} mV/°C	Test Curre nt I _{ZTC}
------	--------	--------------	---------------------------------	------------------------------------	---	---	--------------------------------------

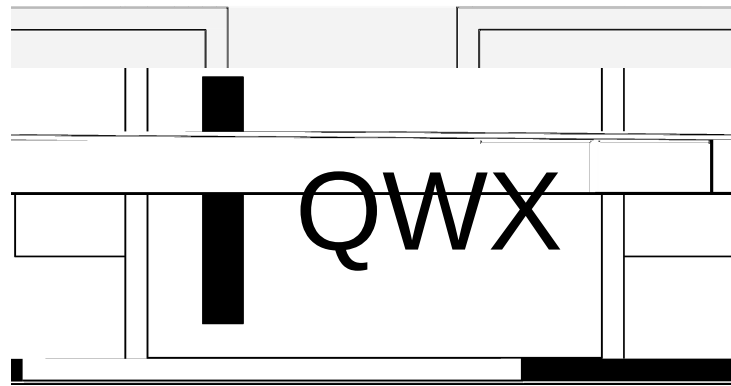
4.28





Rev.A Apr.-2022





Q

WX

Note:

Q: Automobile halogen-free product Code

WX: Product Type

Rev.A Apr.-2022

Temperature

1 150 200 60 120s
2 255±5 5±0.5
3 2 10°C/sec.

260±5°C 10±1 sec.

/ REEL

Package Type	Units
--------------	-------