

**SDZ5V1D**

Zener Diode

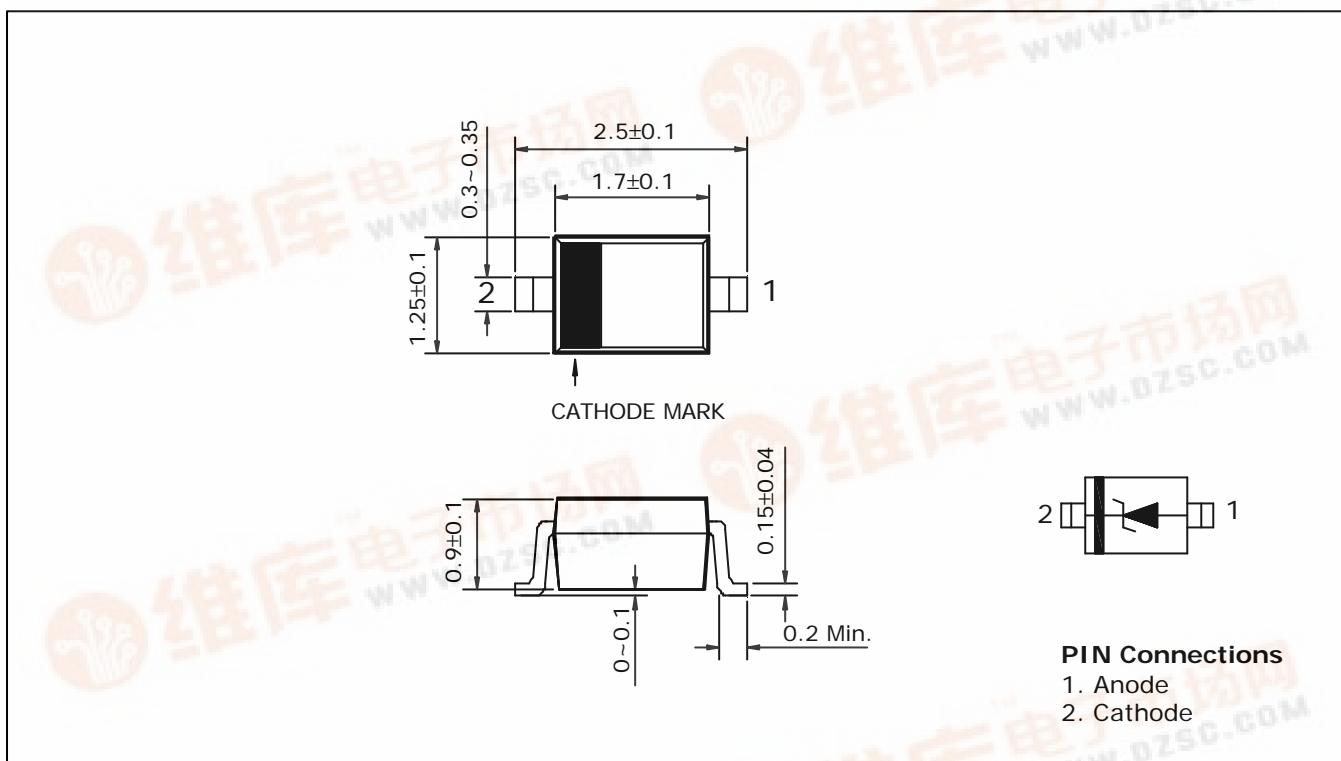
Features

- Compact type
- Radiation size 1.25mm × 1.7mm
- Surface mount lead configuration

Ordering Information

Type NO.	Marking	Package Code
SDZ5V1D	Z2	SOD-323

Outline Dimensions



SDZ5V1D

Absolute maximum ratings

(Ta=25°C)

Characteristic	Symbol	Ratings	Unit
Power dissipation	P _D	200	mW
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55~150	°C

Electrical Characteristics

(Ta=25°C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Zener voltage	V _Z	I _Z =5mA	4.88	-	5.32	V
Dynamic impedance	Z _{ZT}	I _Z =5mA	-	-	50	Ω
KNEE dynamic impedance	Z _{ZK}	I _Z =0.25mA	-	-	2050	Ω
Reverse current	I _R	V _R =2V	-	-	2	μA

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Fig. 1 P_D , T_a

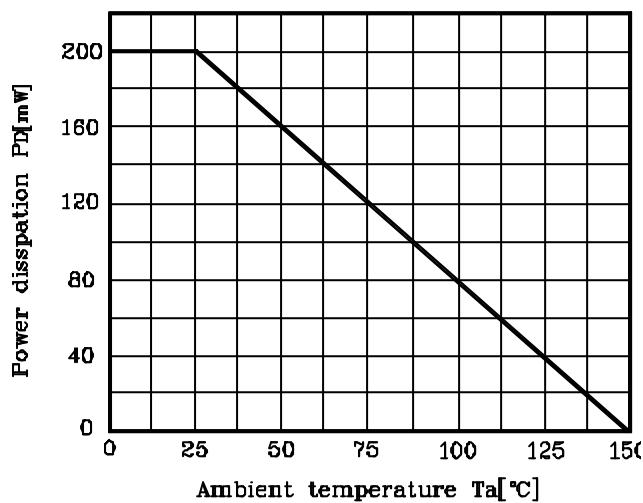


Fig. 2 I_Z , V_Z

