

**SDZ5V1WA**

Zener Diode

Features

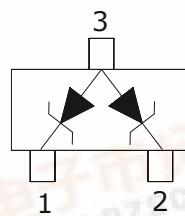
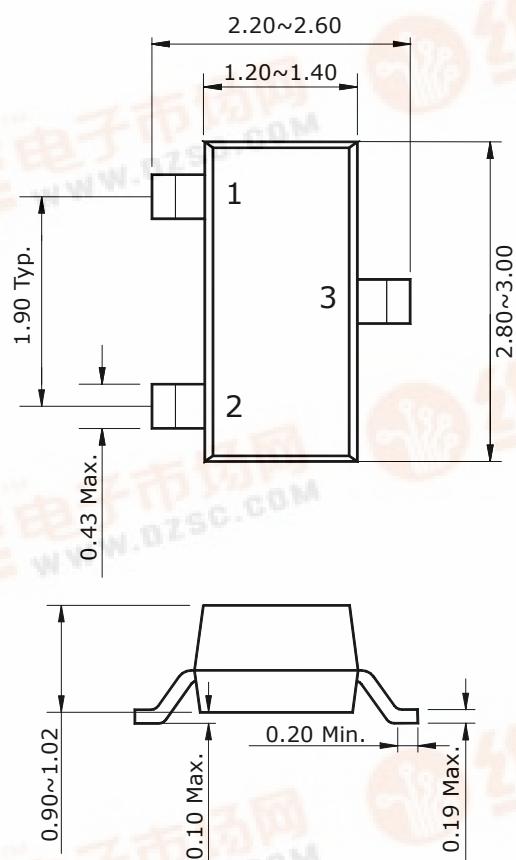
- Compact type
- Radiation size 1.3mm × 2.9mm
- Surface mount lead configuration

Ordering Information

Type NO.	Marking	Package Code
SDZ5V1WA	Z2D	SOT-23

Outline Dimensions

unit : mm

**PIN Connections**

1. Cathode
2. Cathode
3. Anode

SDZ5V1WA

Absolute Maximum Ratings

(Ta=25°C)

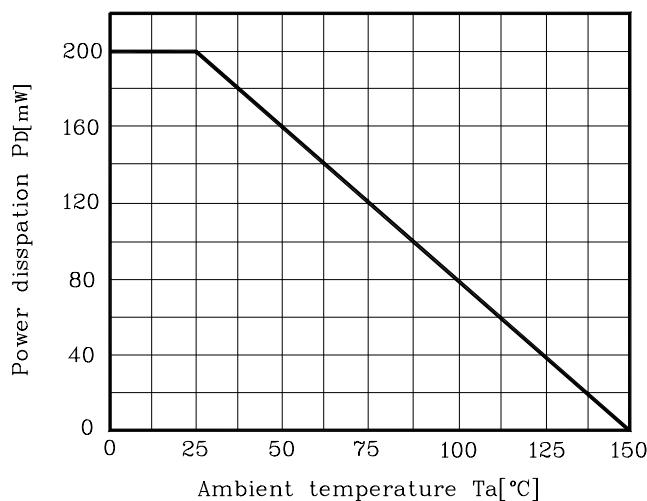
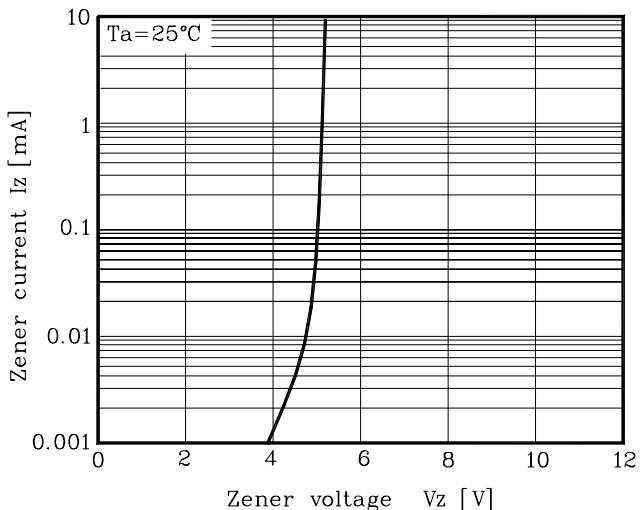
Characteristic	Symbol	Ratings	Unit
Power dissipation	P _D	200	mW
Junction temperature	T _J	150	°C
Storage temperature range	T _{stg}	-55~150	°C

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	-	-	70	Ω
KNEE dynamic impedance	Z _{ZK}	I _Z =0.25mA	-	-	2050	Ω
Reverse current	I _R	V _R =2V	-	-	2	μA

Electrical Characteristic Curves

Fig. 1 P_D - T_a **Fig. 2 I_Z - V_Z** 

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