



SDZ6V2

Zener Diode

Features

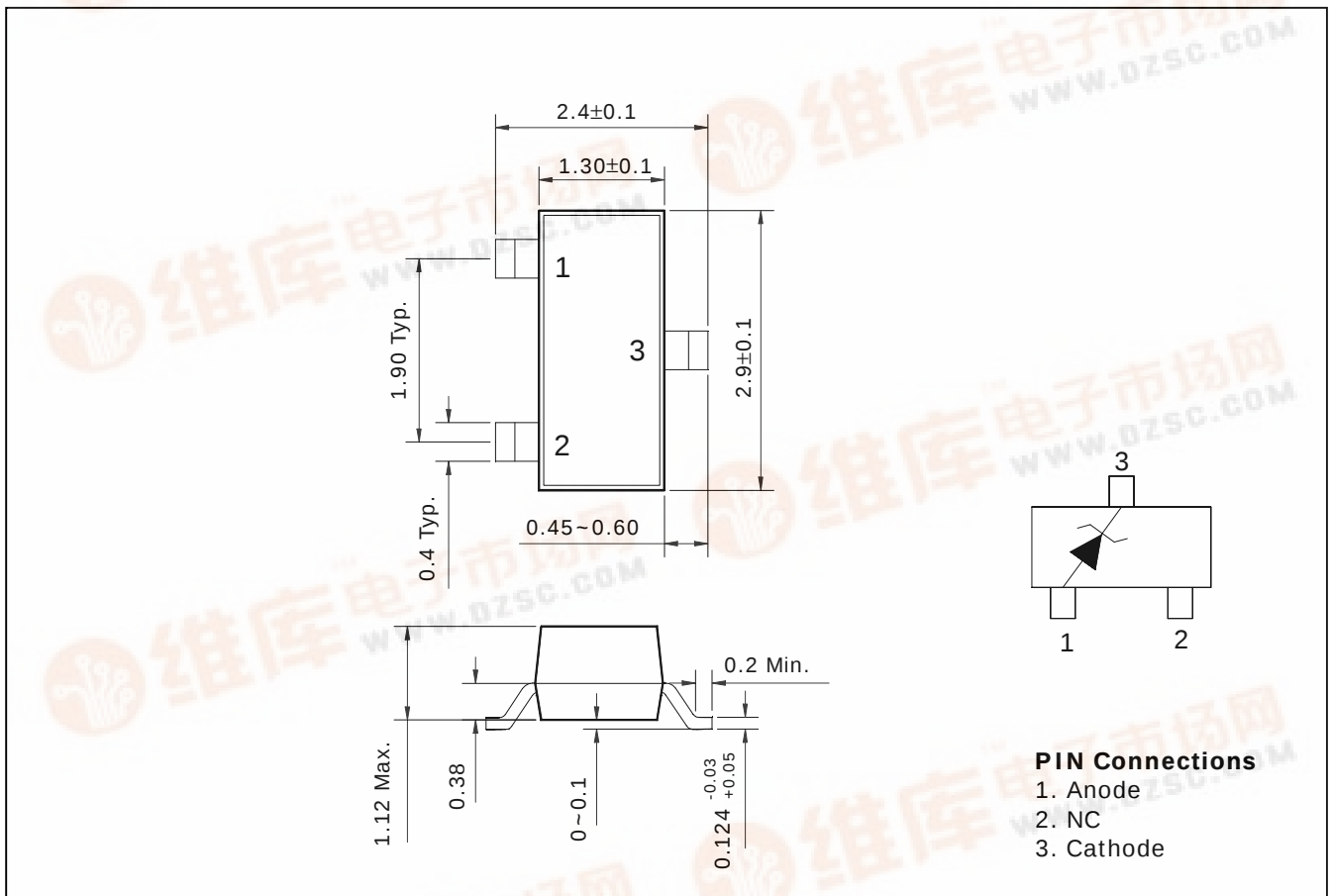
- Compact type
- Radiation size 1.3mm × 2.9mm
- Surface mount lead configuration

Ordering Information

Type NO.	Marking	Package Code
SDZ6V2	Z4	SOT-23

Outline Dimensions

unit : mm



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Absolute maximum ratings

(Ta=25°C)

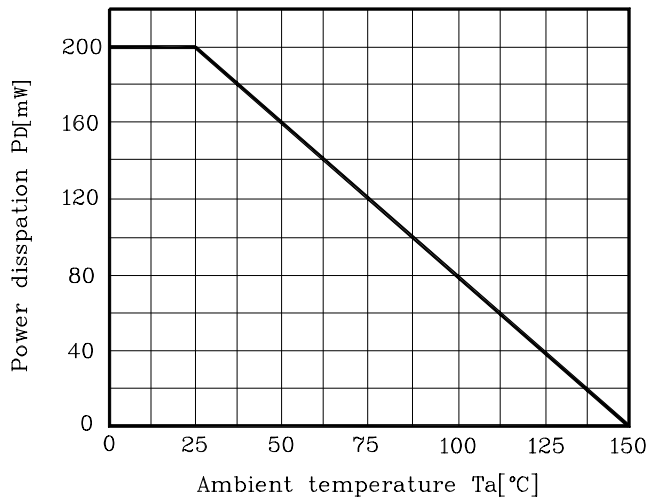
Characteristic	Symbol	Ratings	Unit
Power dissipation	P_D	200	mW
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55 ~ 150	°C

Electrical Characteristics

(Ta=25°C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Zener voltage	V_Z	$I_Z = 5\text{mA}$	5.93	-	6.47	V
Dynamic impedance	Z_{ZT}	$I_Z = 5\text{mA}$	-	-	10	Ω
KNEE dynamic impedance	Z_{ZK}	$I_Z = 0.25\text{mA}$	-	-	1300	Ω
Reverse current	I_R	$V_R = 4\text{V}$	-	-	1	μA

Electrical Characteristic Curves

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