



SDZ3V0Q
Zener Diode

Application

- Constant voltage regulation
- Reference voltage application

Features

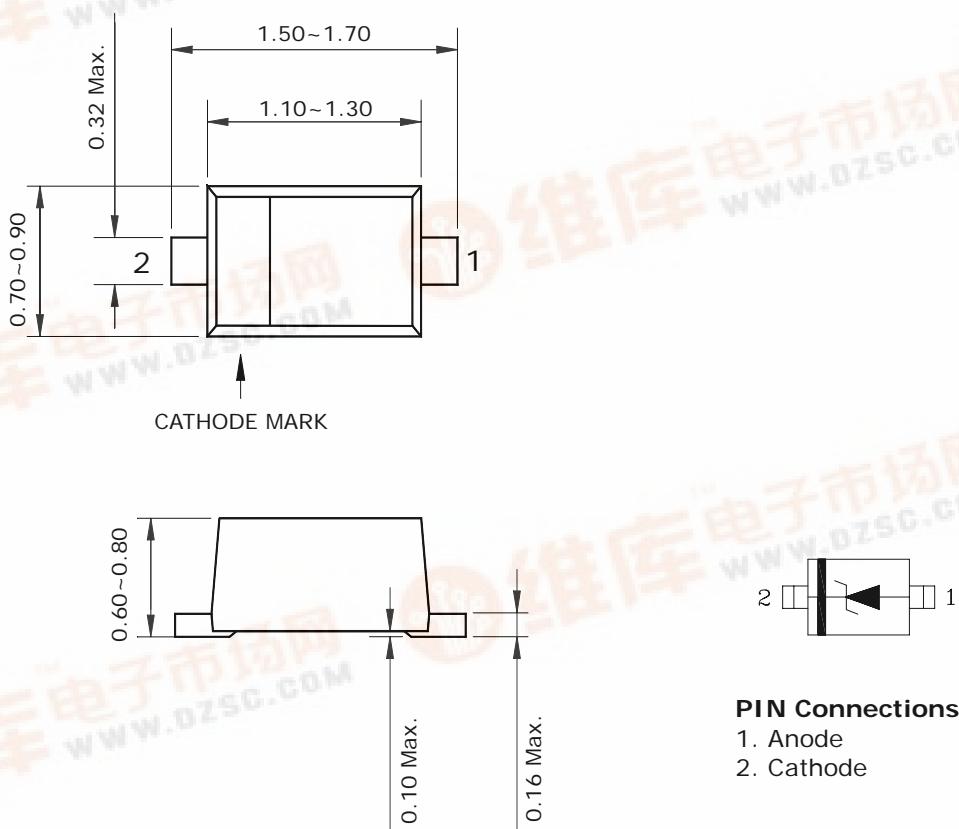
- Small and compact SMD package used SOD523
- Zener voltage $V_Z = 3V$ type

Ordering Information

Type NO.	Marking	Package Code
SDZ3V0Q	W8	SOD-523

Outline Dimensions

unit : mm



PIN Connections
1. Anode
2. Cathode

Absolute Maximum Ratings

(Ta=25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	P _D	120	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	2.85	-	3.15	V
Reverse current	I _R	V _R =1V	-	-	50	μA
Dynamic impedance	Z _{ZT}	I _Z =5mA	-	-	95	Ω
KNEE dynamic impedance	Z _{ZK}	I _Z =0.25mA	-	-	2000	Ω

※ Recommend PCB solder land (Unit : mm)

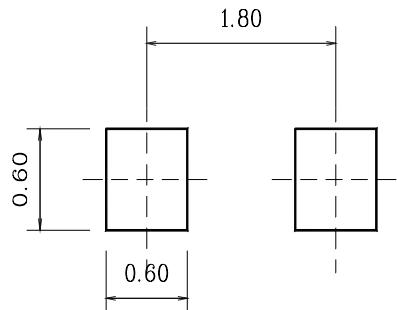
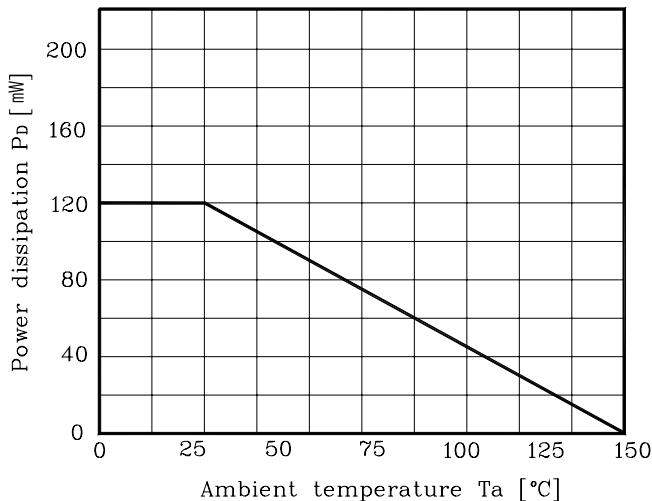
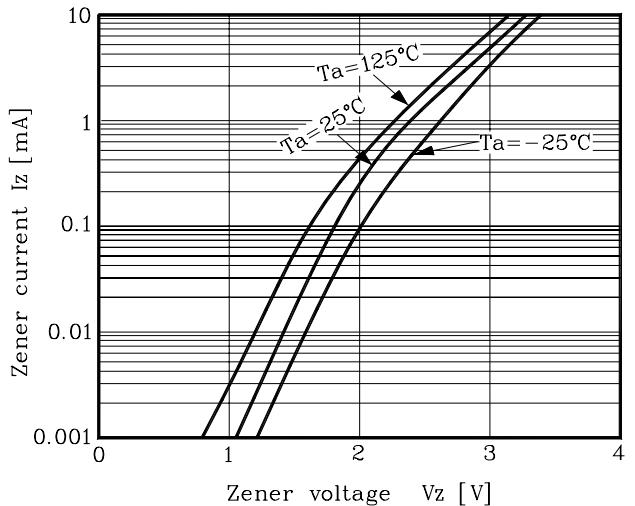
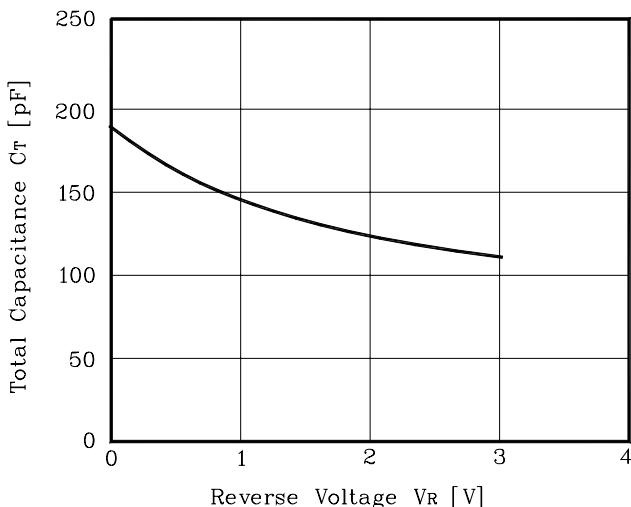


Fig. 1 P_D - T_a **Fig. 2 I_Z - V_Z** **Fig. 3 C_T , V_R** 

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