

**SDZ15VWA**

Zener Diode

Applications

- Constant voltage regulation
- Reference voltage application

Features

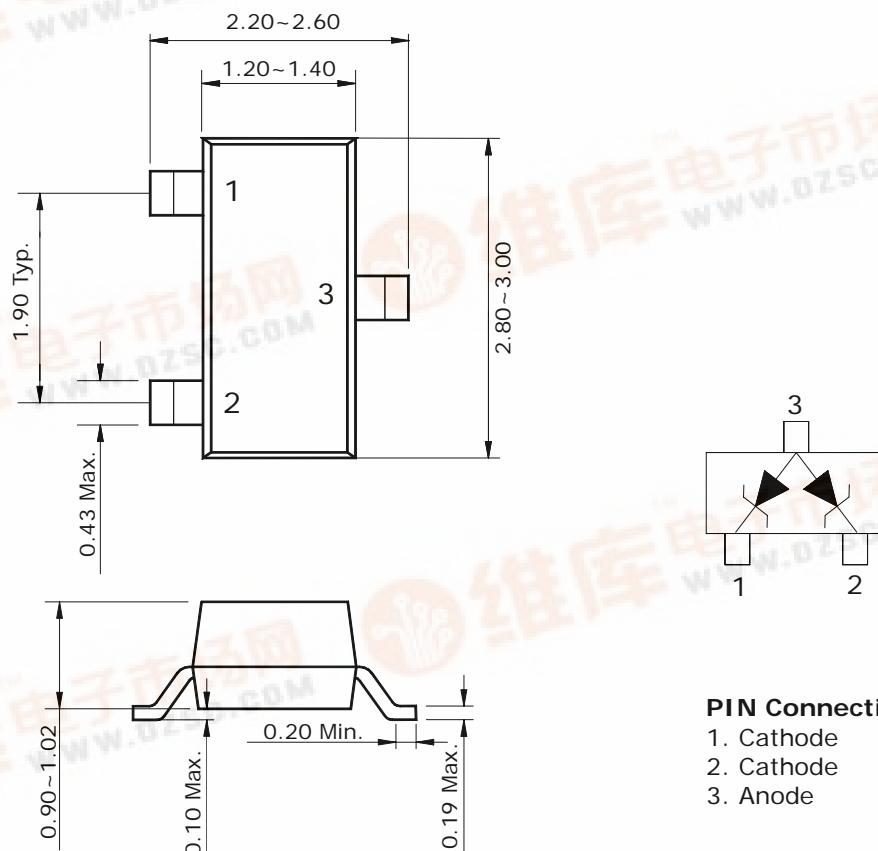
- Dual chip in one package
- Small and compact SMD package used: SOT-23
- Zener voltage: $V_Z = 15V$ Typ

Ordering Information

Type NO.	Marking	Package Code
SDZ15VWA	W7	SOT-23

Outline Dimensions

unit : mm



SDZ15VWA

Absolute Maximum Ratings

(Ta=25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	P _D [*]	200	mW
Junction temperature	T _J	150	°C
Storage temperature range	T _{STG}	-55~150	°C

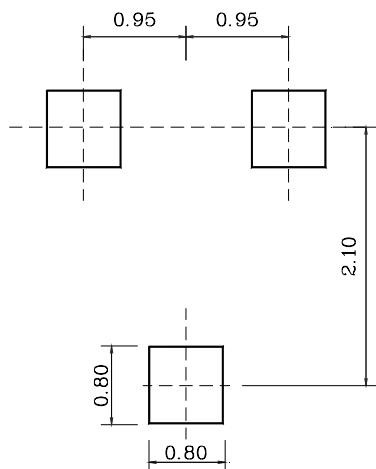
* Device mounted on glass epoxy PCB (recommandable minimum solder land)

Electrical Characteristics

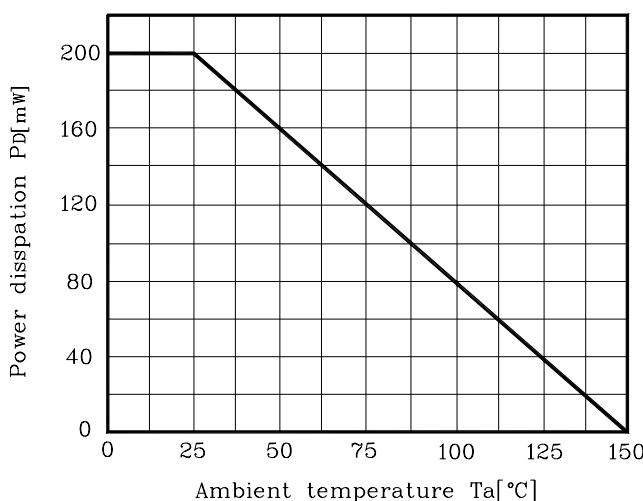
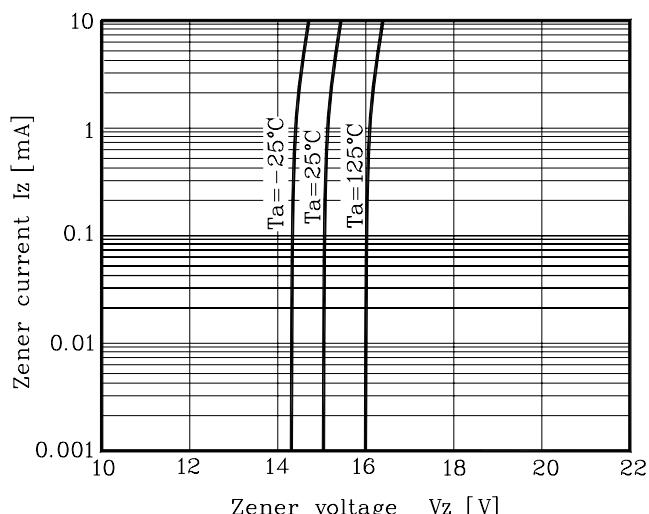
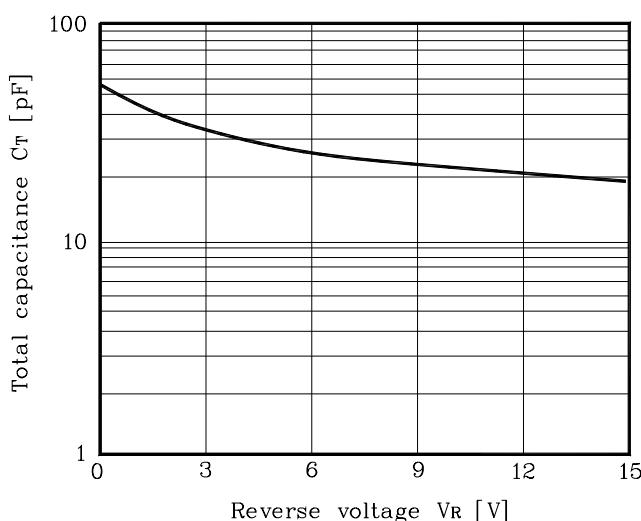
(Ta=25°C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Zener voltage	V _Z	I _Z =5mA	14.33	-	15.67	V
Dynamic impedance	Z _{ZT}	I _Z =5mA	-	-	32	Ω
KNEE dynamic impedance	Z _{ZK}	I _Z =0.25mA	-	-	600	Ω
Reverse current	I _R	V _R =11V	-	-	0.1	μA

* Recommend PCB solder land (Unit : mm)



Electrical Characteristic Curves

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

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