

**Features**

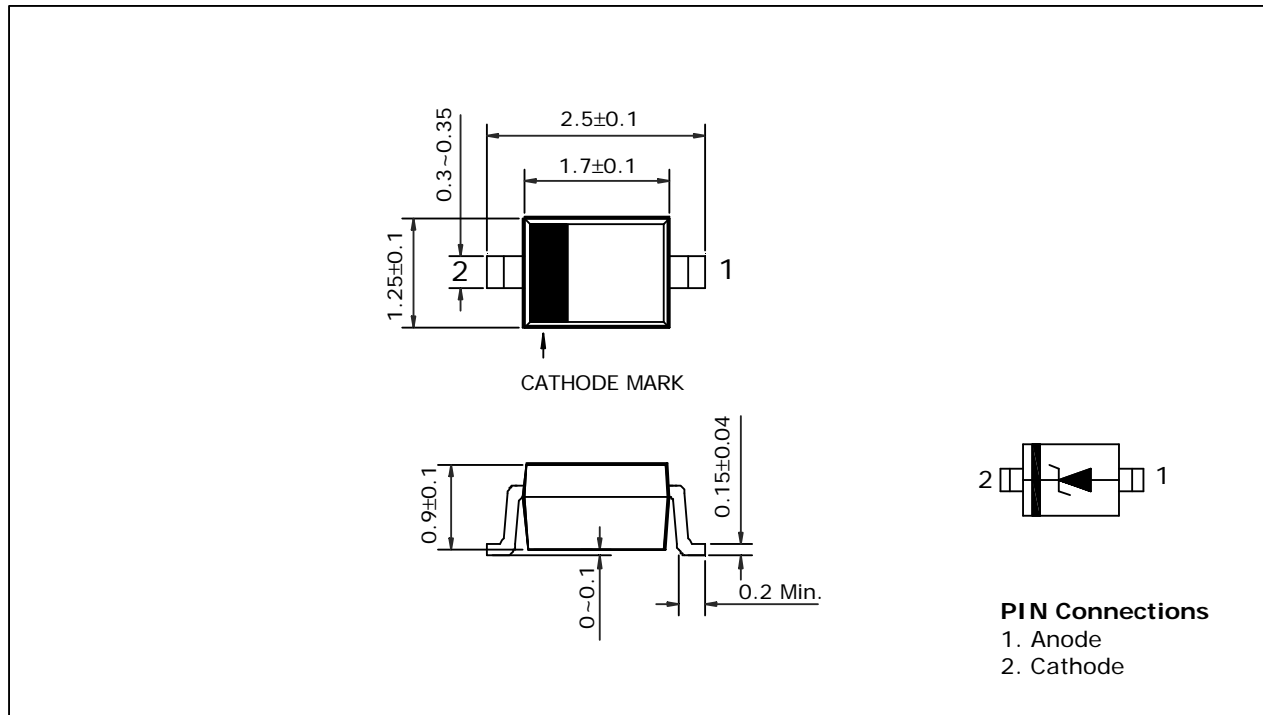
- Compact type
- Radiation size 1.25mm × 1.7mm
- Surface mount lead configuration

**Ordering Information**

Type NO.	Marking	Package Code
SDZ5V1D	Z2	SOD-323

**Outline Dimensions**

unit : mm



**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	$\Omega$
KNEE dynamic impedance	$Z_{zK}$	$I_Z=0.25mA$	-	-	2050	$\Omega$
Reverse current	$I_R$	$V_R=2V$	-	-	2	$\mu A$

Fig. 1  $P_D$ - $T_a$

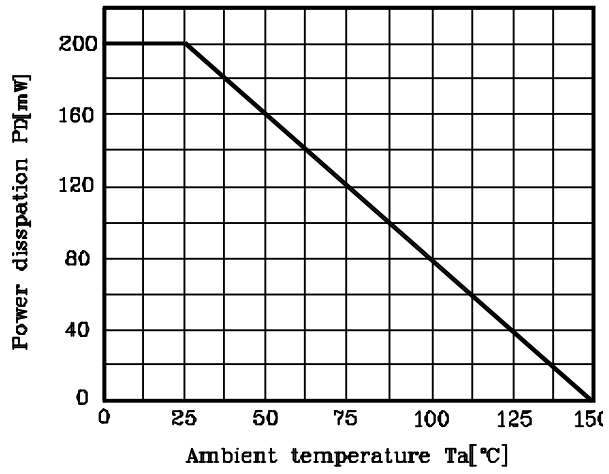


Fig. 2  $I_z$ - $V_z$

