

Features

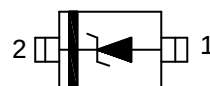
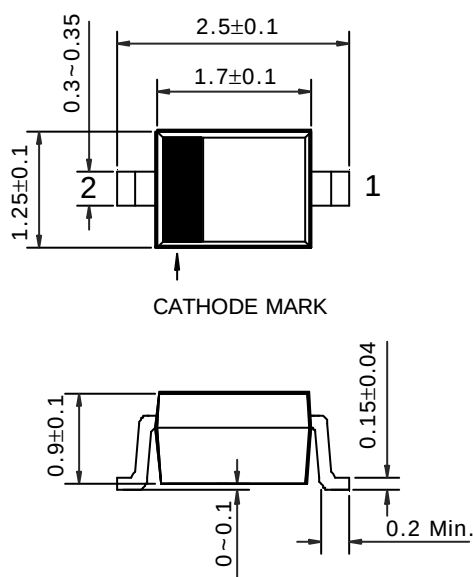
- Compact type
- Radiation size 1.25mm × 1.7mm
- Surface mount lead configuration

Ordering Information

Type NO.	Marking	Package Code
SDZ5V1D	Z2	SOD-323

Outline Dimensions

unit : mm



PIN Connections

1. Anode
2. Cathode

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	Ω
KNEE dynamic impedance	Z_{ZK}	$I_Z=0.25mA$	-	-	2050	Ω
Reverse current	I_R	$V_R=2V$	-	-	2	μA

Fig. 1 P_D - T_a

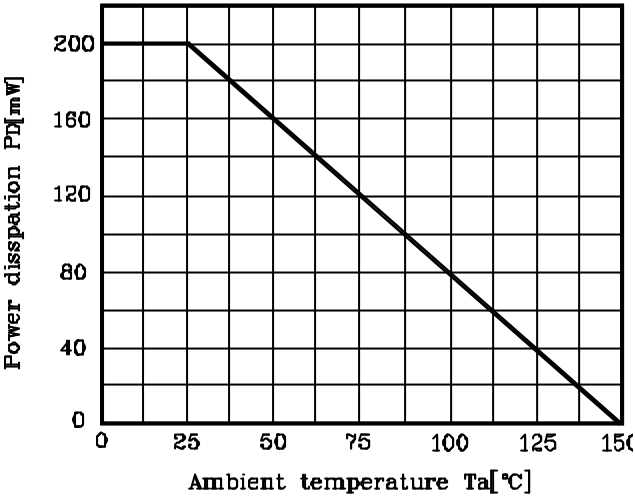


Fig. 2 I_Z - V_Z

