

Features

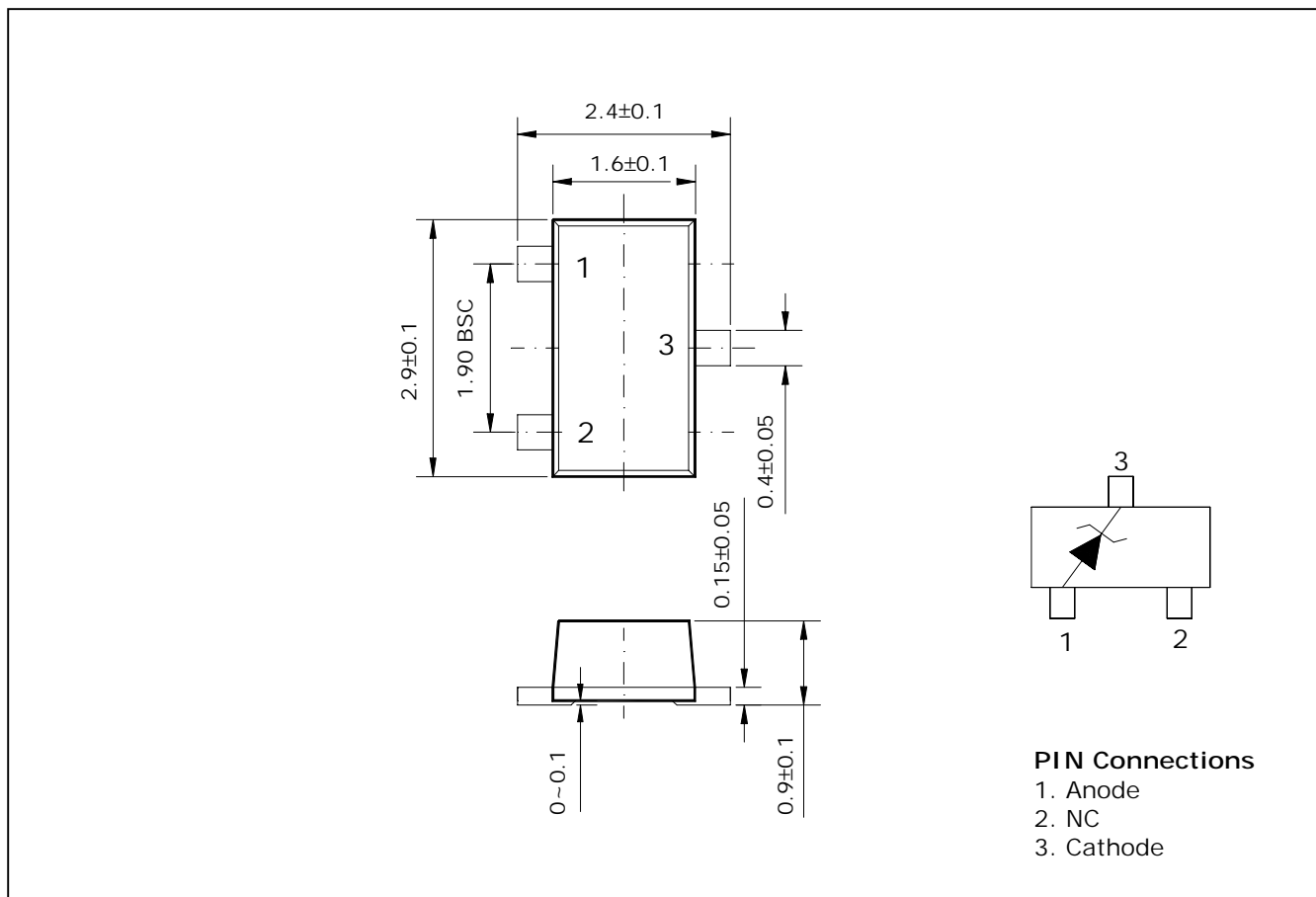
- Compact type
- Radiation size 1.6mm × 2.9mm
- Surface mount lead configuration

Ordering Information

Type NO.	Marking	Package Code
SDZ11VF	Y1	SOT-23F

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	$I_Z=5mA$	10.51	-	11.49	V
Dynamic impedance	Z_{ZT}	$I_Z=5mA$	-	-	18	Ω
KNEE dynamic impedance	Z_{ZK}	$I_Z=0.25mA$	-	-	600	Ω
Reverse current	I_R	$V_R=8.4V$	-	-	0.1	μA

Electrical Characteristic Curves

Fig. 1 P_D-T_a

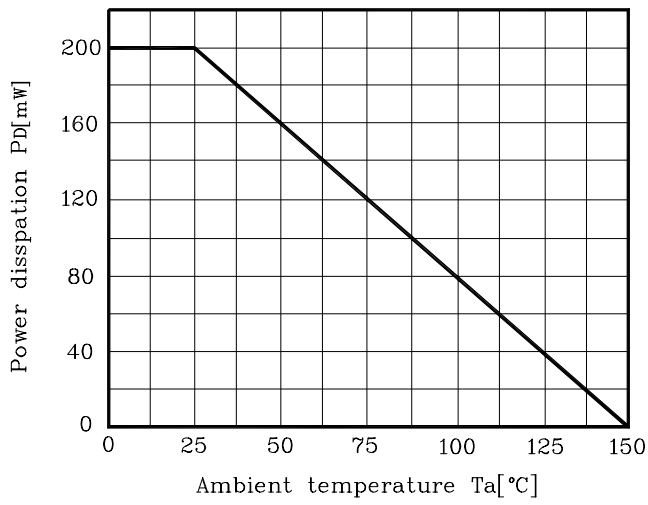


Fig. 2 I_Z-V_Z

