

Features

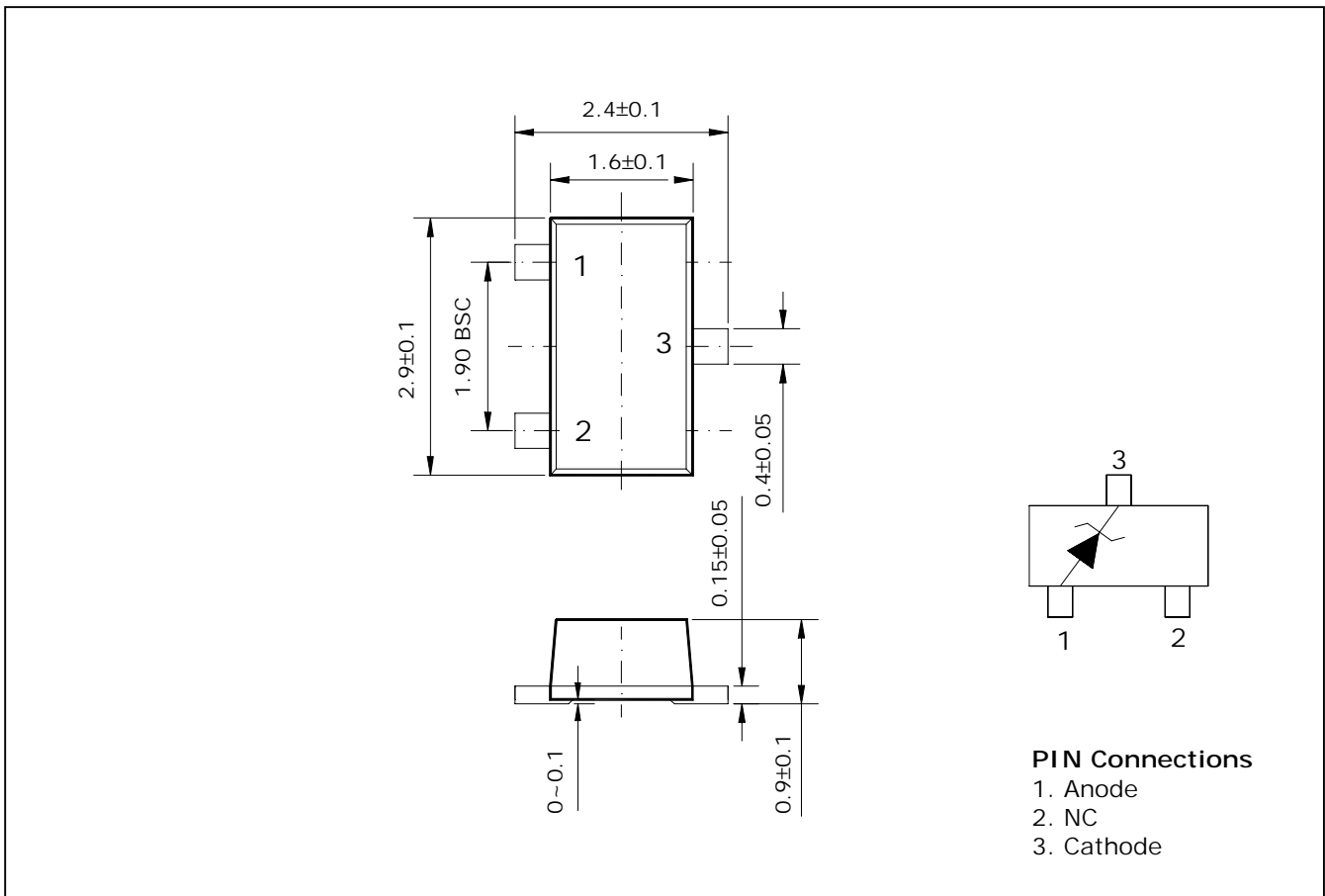
- Compact type
- Radiation size 1.6mm × 2.9mm
- Surface mount lead configuration

Ordering Information

Type NO.	Marking	Package Code
SDZ13VF	Y3	SOT-23F

Outline Dimensions

unit : mm



Absolute maximum ratings

(Ta=25°C)

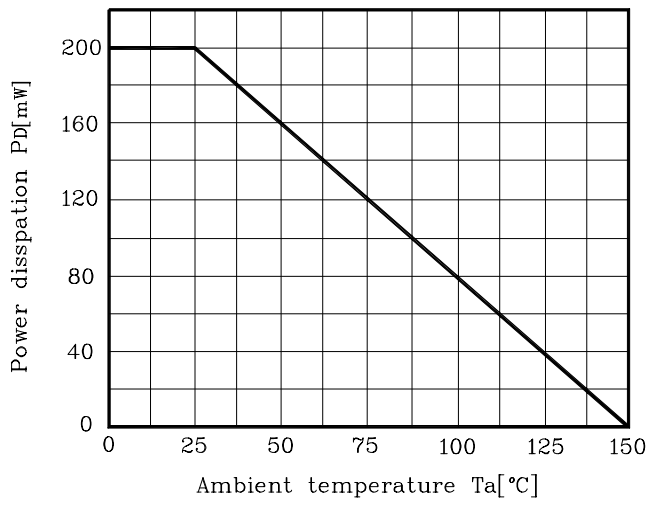
Characteristic	Symbol	Ratings	Unit
Power dissipation	P_D	200	mW
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55 ~ 150	°C

Electrical Characteristics

(Ta=25°C)

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Zener voltage	V_Z	$I_Z=5mA$	12.42	-	13.58	V
Dynamic impedance	Z_{ZT}	$I_Z=5mA$	-	-	25	Ω
KNEE dynamic impedance	Z_{ZK}	$I_Z=0.25mA$	-	-	600	Ω
Reverse current	I_R	$V_R=9.9V$	-	-	0.1	μA

Electrical Characteristic Curves

Fig. 1 P_D - T_a Fig. 2 I_Z - V_Z 