

**Features**

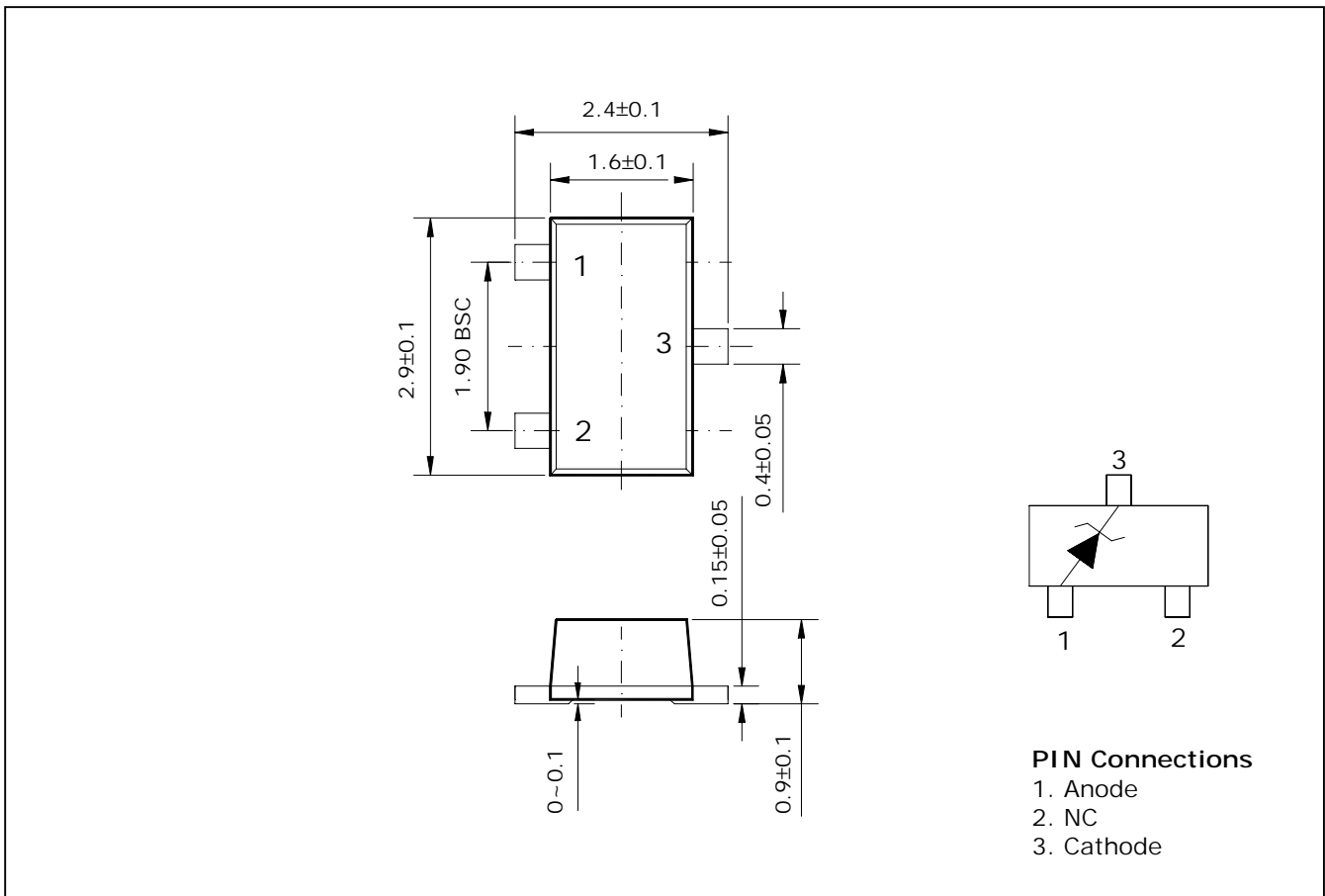
- Compact type
- Radiation size 1.6mm × 2.9mm
- Surface mount lead configuration

**Ordering Information**

Type NO.	Marking	Package Code
SDZ9V1F	Z8	SOT-23F

**Outline Dimensions**

unit : mm



**Absolute maximum ratings****(Ta=25°C)**

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

**Electrical Characteristics****(Ta=25°C)**

<b>Characteristic</b>	<b>Symbol</b>	<b>Test Condition</b>	<b>Min.</b>	<b>Typ.</b>	<b>Max.</b>	<b>Unit</b>
Zener voltage	$V_Z$	$I_Z=5mA$	8.70	-	9.50	V
Dynamic impedance	$Z_{ZT}$	$I_Z=5mA$	-	-	10	$\Omega$
KNEE dynamic impedance	$Z_{ZK}$	$I_Z=0.25mA$	-	-	600	$\Omega$
Reverse current	$I_R$	$V_R=7V$	-	-	0.1	$\mu A$

Electrical Characteristic Curves

Fig. 1  $P_D-T_a$

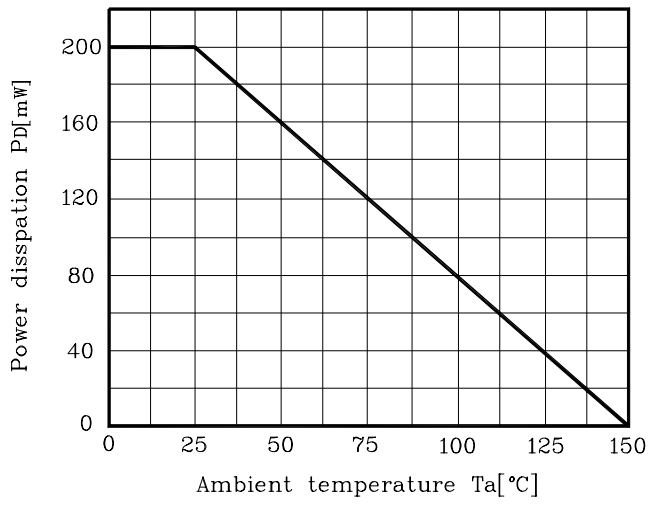


Fig. 2  $I_Z-V_Z$

