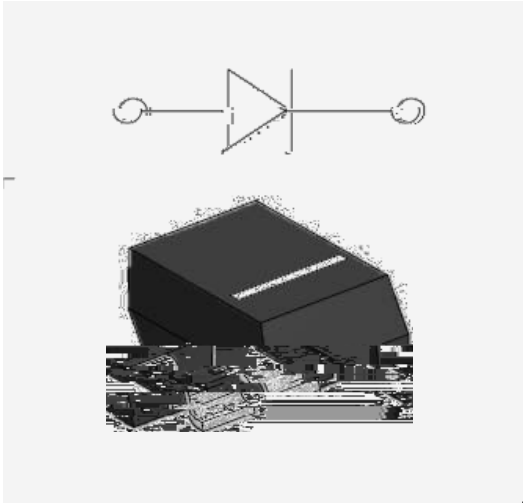


## Small Signal Schottky Diode



**SOD123**

### Features

- Epoxy meets UL-94 V-0 flammability rating and halogen free
- Moisture Sensitivity Level 1
- $V_{RRM}$  40V/30V/20V
- $I_{FAV}$  0.35A
- Part no. with suffix "Q" means AEC-Q101 qualified

### Applications

PARAMETER	SYMBOL	UNIT	CONDITIONS	VALUE	
Repetitive peak reverse voltage	$V_{RRM}$	V		SD103AWQ	40
				SD103BWQ	30
				SD103CWQ	20

Average Forward Current  $I_{FAV}$        $I_{AV}$

	stg			-55 to +150
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## SD103AWQ / SD103BWQ / SD103CWQ

**Electrical Characteristics**  $T_a=25$  Unless otherwise specified

PARAMETER	SYMBOL	UNIT	CONDITIONS	PART	MIN	MAX
Forward Voltage	$V_F$	V	$I_F=20\text{mA}$			0.37



Characteristics (Typical)

Fig.1:  $P_D-T_A$

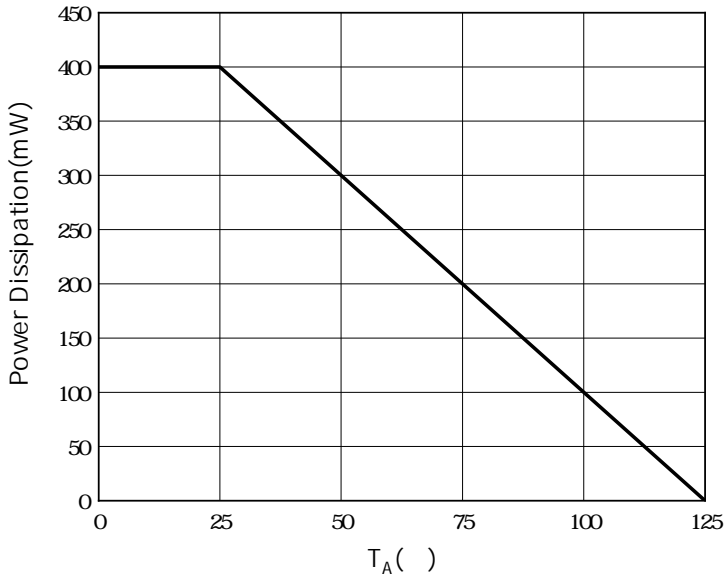


Fig.2: Capacitance Characteristics

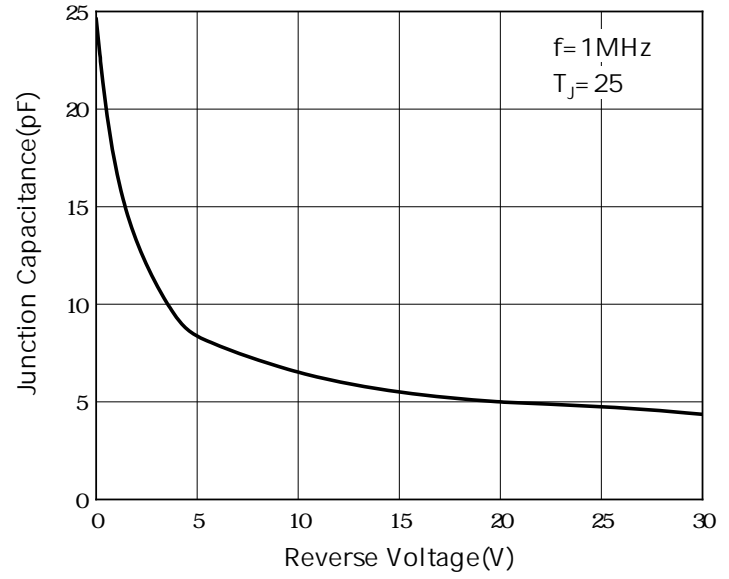


Fig.3: Forward Characteristics

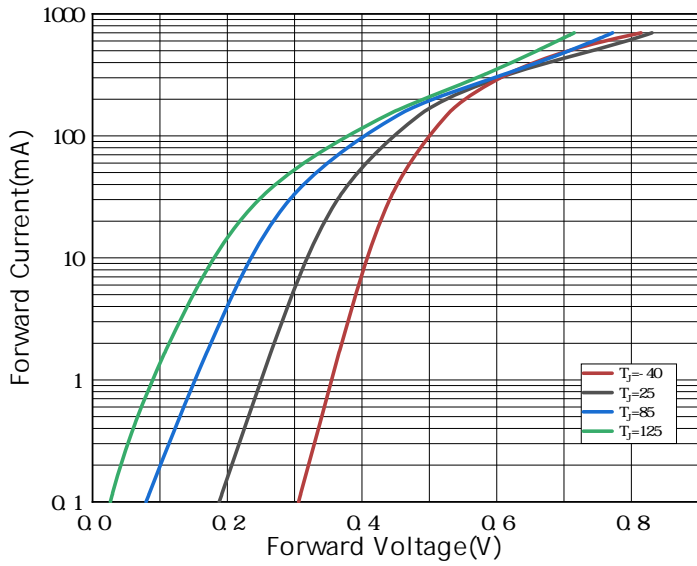
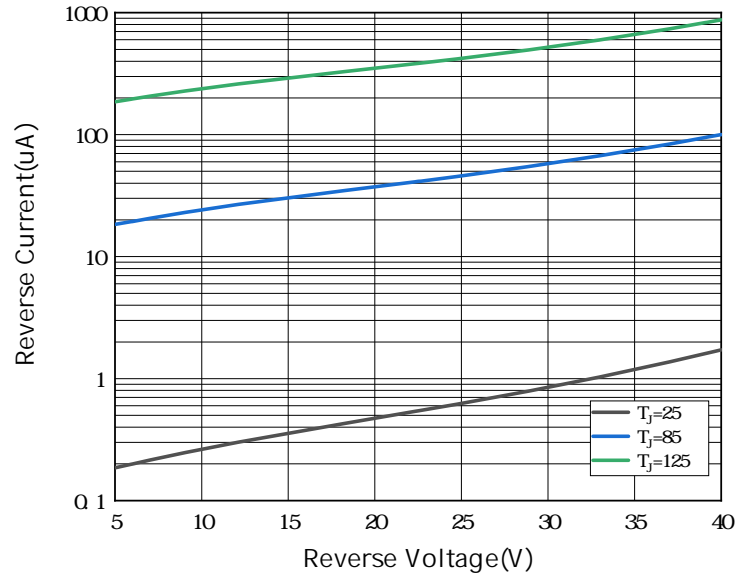


Fig.4: Reverse Characteristics





**Outline Dimensions**

**Marking Information**

	<b>Marking</b>
SD103AWQ	S4

