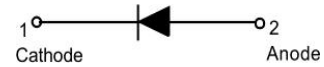
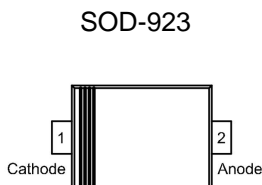


### Features

- Average forward current:  $I_{F(AV)} \leq 200 \text{ mA}$
- Reverse voltage:  $V_R \leq 30 \text{ V}$
- Low forward voltage:  $V_F \leq 350 \text{ mV @10mA}$
- Low reverse current:  $I_R \leq 10 \mu\text{A}$
- Leadless ultra small SMD plastic package
- We declare that the material of product compliance with RoHS requirements and Halogen Free

### Applications

- Low current rectification



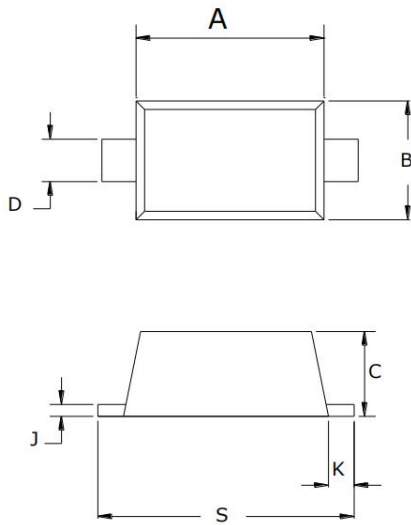
### Absolute Maximum Ratings (T<sub>amb</sub>=25°C unless otherwise specified)

Parameter	Symbol	Limits	Unit
Reverse voltage(DC)	$V_R$	30	V
Average rectified forward current	$I_o$	200	mA
Peak forward surge current	$I_{FSM}$	500	mA
Junction temperature	$T_j$	125	°C
Storage Temperature Range	$T_{STG}$	-40~+125	°C

### Electrical Characteristics (T<sub>A</sub>=25°C unless otherwise specified)

Parameter	Symbol	Min.	Max.	Unit	Conditions
Forward voltage	$V_F$	-	0.35	V	$I_F=10\text{mA}$
		-	0.4	V	$I_F=20\text{mA}$
Reverse current	$I_R$	-	10	$\mu\text{A}$	$V_R=10\text{V}$

## Outline Drawing - SOD923



SYMBOL	Dimensions In Millimet	
	MIN	MAX
A	0.74	0.86
B	0.54	0.66
C	0.35	0.45
D	0.14	0.26
K	0.04	0.16
S	0.95	1.10