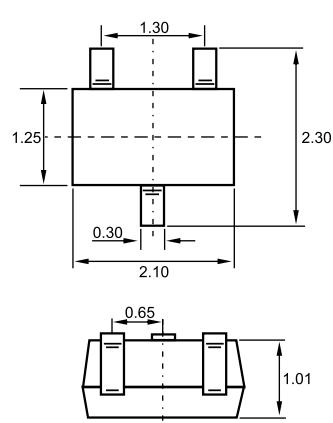


### SOT-323



Dimensions in inches and (millimeters)

## Features

- ✧ Small total capacitance.
- ✧ Power dissipation. ( $P_D=150\text{mW}$ )

## Applications

- ✧ For general purpose applications.

## Ordering Information

Type No.	Marking	Package Code
RB461F	3B	SOT-323

### MAXIMUM RATING @ $T_a=25^\circ\text{C}$ unless otherwise specified

Parameter	Symbol	Limits	Unit
Diode reverse voltage	$V_R$	20	V
Forward continuous Current	$I_F$	700	mA
Power Dissipation	$P_d$	150	mW
Junction temperature	$T_j$	150	$^\circ\text{C}$
Storage temperature range	$T_{stg}$	-55-+150	$^\circ\text{C}$

### ELECTRICAL CHARACTERISTICS @ $T_a=25^\circ\text{C}$ unless otherwise specified

Parameter	Symbol	Test conditions	MIN	Typ.	MAX	UNIT
Reverse breakdown voltage	$V_{(BR)R}$	$I_R=1\text{mA}$	20			V
Reverse current	$I_R$	$V_R=20\text{V}$			200	$\mu\text{A}$
Forward voltage	$V_F$	$I_F=700\text{mA}$			0.49	V