

**RB461F** SCHOTTKY DIODE

**FEATURES**

Power dissipation

$P_D$ : 150 mW ( $T_{amb}=25^\circ\text{C}$ )

Collector current

$I_F$ : 0.7 A

Reverse voltage

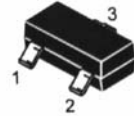
$V_R$ : 20 V

Operating and storage junction temperature range

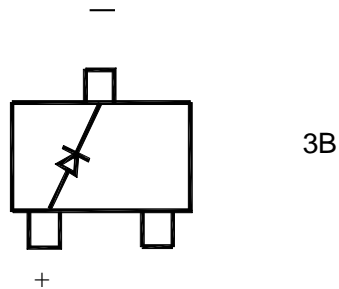
$T_J, T_{stg}$ :  $-55^\circ\text{C}$  to  $+150^\circ\text{C}$

**SOT-323**

1. ANODE



3. CATHODE



**ELECTRICAL CHARACTERISTICS(  $T_{amb}=25^\circ\text{C}$  unless otherwise specified)**

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