

RB461F SCHOTTKY DIODE

FEATURES

Power dissipation

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

Collector current

$$I_F: 0.7 \text{ A}$$

Reverse voltage

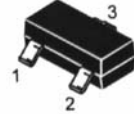
$$V_R: 20 \text{ V}$$

Operating and storage junction temperature range

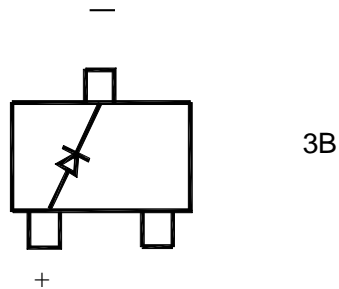
$$T_J, T_{stg}: -55^\circ\text{C to } +150^\circ\text{C}$$

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	μA
Forward voltage	V_F	$I_F=700\text{mA}$		0.49	V