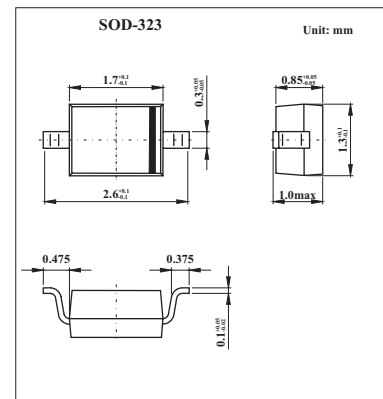


## Schottky barrier diode

## RB751V-40

## ■ Features

- Small surface mounting type.(EMD2,UMD2)
- Low reverse current and low forward voltage.
- High reliability.

■ Absolute Maximum Ratings  $T_a = 25^\circ\text{C}$ 

Characteristic	Symbol	Limits	Unit
Peak reverse voltage	$V_{RM}$	40	V
DC reverse voltage	$V_R$	30	V
Mean rectifying current	$I_o$	30	mA
Peak forward surge current*	$I_{FSM}$	200	mA
Junction temperature	$T_j$	125	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-40 to +125	$^\circ\text{C}$

\*60 Hz for 1

■ Electrical Characteristics  $T_a = 25^\circ\text{C}$ 

Characteristic	Symbol	Condition	Min	Typ	Max	Unit
Forward voltage	$V_F$	$I_F = 1 \text{ mA}$			0.37	V
Reverse current	$I_R$	$I_F = 30 \text{ V}$			0.5	$\mu\text{A}$
capacitance between terminal	$C_T$	$V_R = 1 \text{ V}, f = 1\text{MHz}$		2		pF

## ■ Marking

Marking	5
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