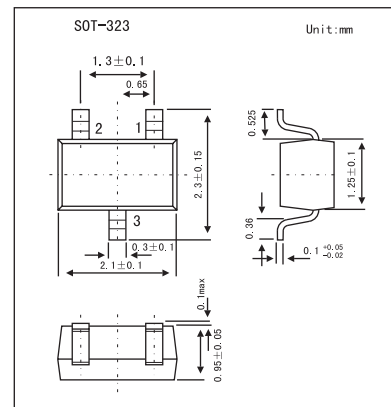


## Schottky barrier diode

## RB717F

## ■ Features

- Small mold type. (UMD3)
- High reliability.



## ■ Absolute Maximum Ratings Ta = 25 °C

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	$V_{RM}$	40	V
Reverse voltage (DC)	$V_R$	40	V
Average rectified forward current *	$I_o$	30	mA
Forward current surge peak (60Hz ·1cyc) *	$I_{FSM}$	200	mA
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{stg}$	-40 to +125	°C

\* Rating of per diode

## ■ Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	$V_F$	$I_F = 1 \text{ mA}$			0.37	V
Reverse current	$I_R$	$V_R = 10 \text{ V}$			1	$\mu\text{A}$
Capacitance between terminals	$C_t$	$V_R = 1 \text{ V}$ , $f = 1 \text{ MHz}$		2.0		pF

## ■ Marking

Marking	3E
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