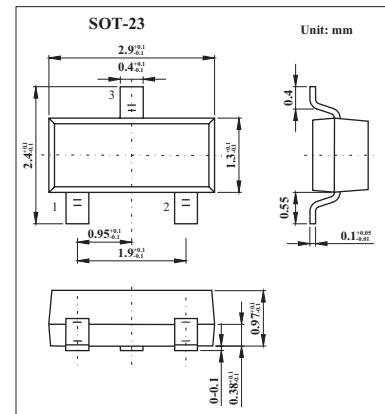


## Schottky barrier diode

## RB706D-40

## ■ Features

- Small mold type.(SMD3)
- Low IR
- High reliability



## ■ Absolute Maximum Ratings Ta = 25 °C

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V <sub>RM</sub>	40	V
DC reverse voltage	V <sub>R</sub>	40	V
Average rectified forward current *1	I <sub>o</sub>	30	mA
Forward current surge peak (60 Hz 1cyc) *1	I <sub>FSM</sub>	200	mA
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature	T <sub>stg</sub>	-40 to + 125	°C

\*1 Rating of per diode : I<sub>o</sub>/2

## ■ Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V <sub>F</sub>	I <sub>F</sub> = 1 mA			0.37	V
Reverse current	I <sub>R</sub>	V <sub>R</sub> = 10 V			1	μ A
Capacitance between terminals	C <sub>T</sub>	V <sub>R</sub> = 1 V, f = 1 MHz		2		pF

## ■ Marking

Marking	D3J