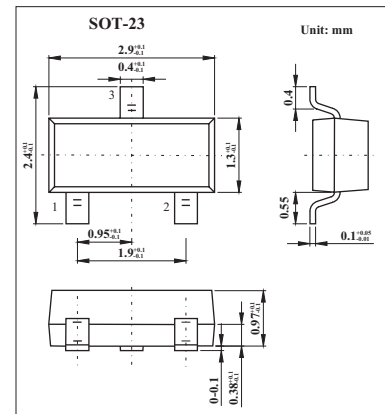


Schottky barrier diode

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 _{RM}	40	V
DC reverse voltage	V _R	40	V
Average rectified forward current *1	I _o	30	mA
Forward current surge peak (60 Hz 1cyc) *1	I _{FSM}	200	mA
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-40 to + 125	°C

*1 Rating of per diode : I_o/2

■ Electrical Characteristics Ta = 25 °C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F = 1 mA			0.37	V
Reverse current	I _R	V _R = 10 V			1	μ A
Capacitance between terminals	C _T	V _R = 1 V, f = 1 MHz		2		pF

■ Marking

Marking	D3J
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