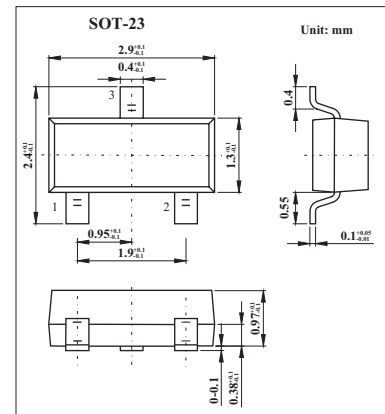


Schottky barrier diode

RB400D



■ Features

- Small frequency rectification type.(SMD3)
- Low I_R .($I_R = 1 \mu A$ Typ.)
- High reliability.

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

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V_{RM}	40	V
DC reverse voltage	V_R	40	V
Mean rectifying current	I_o	0.5	A
Peak forward surge current	I_{FSM}	3	A
Junction temperature	T_j	125	$^\circ C$
Storage temperature range	T_{stg}	-40 to + 125	$^\circ C$

■ Electrical Characteristics $T_a = 25^\circ C$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	$I_R = 0.5 \mu A$			0.55	V
Reverse current	I_R	$V_R = 30 V$			50	μA
		$V_R = 10 V$			30	
Capacitance between terminals	C_T	$V_R = 0, f = 1.0 MHz$		125		pF
		$V_R = 10 V, f = 1.0 MHz$		20		ns

■ Marking

Marking	D3A