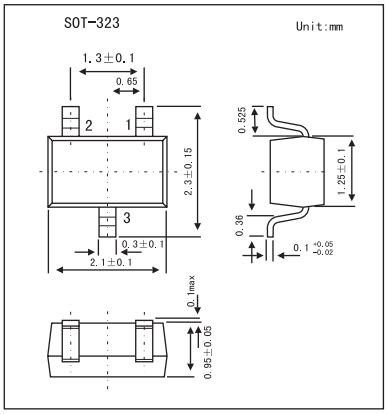
Schottky barrier diode

RB461F



■ Features

- Small surface mounting type. (UMD3)
- Ultra low V_F.(V_F=0.45V Typ. at 0.7A)
- I_F=0.7A guaranteed despite the size.

■ Absolute Maximum Ratings Ta = 25℃

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V_{RM}	25	V
DC reverse voltage	V_R	20	V
DC forward current	I_F	0.7	A
Peak forward surge current *	I_{FSM}	3	A
Junction temperature	T_j	125	℃
Storage temperature	T_{stg}	-40 to +125	℃

* 60Hz for 1∞

■ Electrical Characteristics Ta = 25℃

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V_F	I_F = 700 mA			0.49	V
Reverse current	I_R	V_R=20 V			200	μ A

■ Marking

Marking	3B