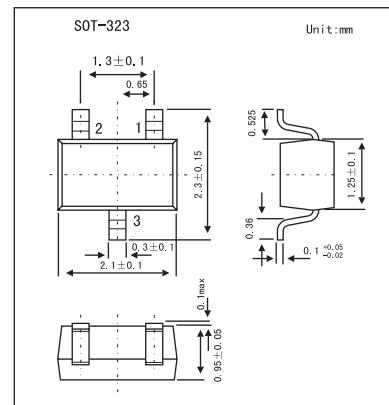


Schottky barrier diode**RB451F****■ Features**

- Small surface mounting type. (UMD3)
- Low VF. (VF=0.45V Typ. at 100mA)
- High reliability.

**■ Absolute Maximum Ratings Ta = 25°C**

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V _{RM}	40	V
D C reverse voltage	V _R	40	V
Mean rectifying current	I _o	0.1	A
Peak forward surge current *	I _{FSM}	1	A
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-40 to +125	°C

* 60Hz for 1∞

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F = 100 mA			0.55	V
		I _F = 10 mA			0.34	
Reverse current	I _R	V _R =10 V			30	μ A
Capacitance between terminals	C _T	V _R =10 V , f=1MHz		6.0		pF

■ Marking

Marking	3C
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