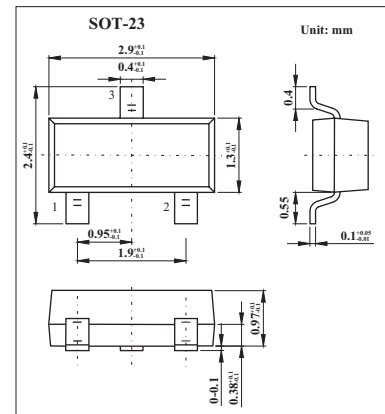


## Shottky barrier diode

## RB425D

## ■ 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 *	I <sub>o</sub>	100	mA
Forward current surge peak (60 Hz 1cyc) *	I <sub>FSM</sub>	1	A
Junction temperature	T <sub>j</sub>	125	°C
Storage temperature	T <sub>stg</sub>	-40 to + 125	°C

\* Rating of per diode

## ■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	V <sub>F</sub>	I <sub>F</sub> = 100 mA			0.55	V
		I <sub>F</sub> = 10 mA			0.34	V
Reverse current	I <sub>R</sub>	V <sub>R</sub> = 10 V			30	μA
Capacitance between terminals	C <sub>T</sub>	V <sub>R</sub> = 10 V, f = 1.0 MHz		6.0		pF

## ■ Marking

Marking	D3L