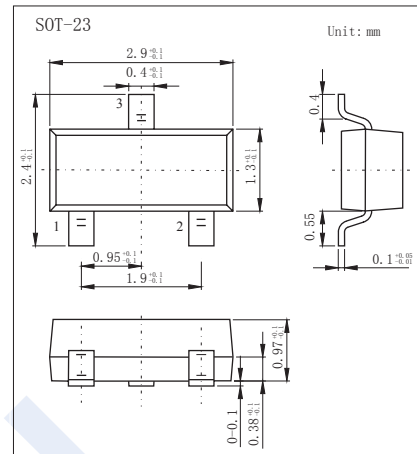
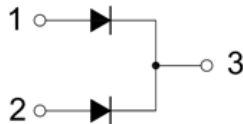


## Schottky Diodes

### RB495D (KB495D)

#### ■ Features

- Small surface mounting type
- Low Forward Voltage
- Low Reverse Current
- High Reliability



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

Parameter	Symbol	Rating	Unit
Peak Reverse Voltage	VRRM	40	V
Working Peak Reverse Voltage	VRWM	40	
RMS Reverse Voltage	VR(RMS)	28	
Average Rectified Output Current	Io	0.4	A
Non-repetitive Peak Forward Surge Current	IFSM	2	
Power Dissipation	PD	250	mW
Thermal Resistance Junction to Ambient	RθJA	400	°C/W
Junction Temperature	TJ	125	°C
Storage Temperature range	Tstg	-55 to 150	

#### ■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	VR	IR= 100 uA	40			V
Forward voltage	VF	IF= 10mA			0.3	
		IF= 200mA			0.5	
Reverse voltage leakage current	IR	VR=25 V			70	uA

#### ■ Marking

Marking	D3Q