

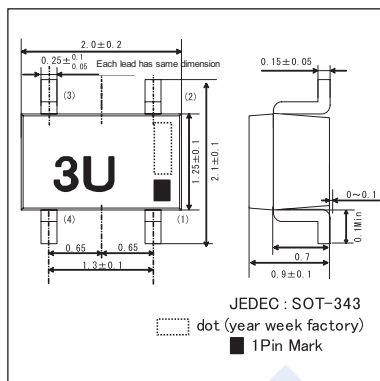
## Schottky Diodes

## RB481K

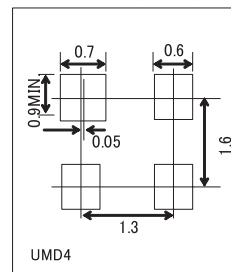
## ■ Features

- Ultra small mold type.
- LowVf
- High reliability

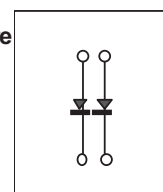
## ●External dimensions (Unit : mm)



## ●Land size figure (Unit : mm)



## ●Structure



## ■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Value	Unit
Reverse voltage (repetitive peak)	V <sub>RM</sub>	30	V
Reverse voltage (DC)	V <sub>R</sub>	30	
Average rectified forward current (*1)	I <sub>o</sub>	200	mA
Forward current surge peak (60Hz.1cyc) (*1)	I <sub>FSM</sub>	1	A
Junction Temperature	T <sub>J</sub>	125	°C
Storage Temperature range	T <sub>stg</sub>	-40 to +125	

(\*1) Rating of per diode

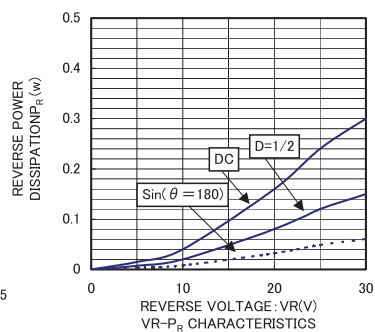
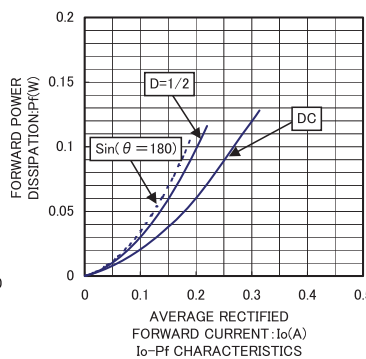
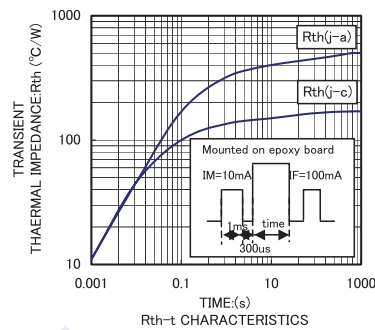
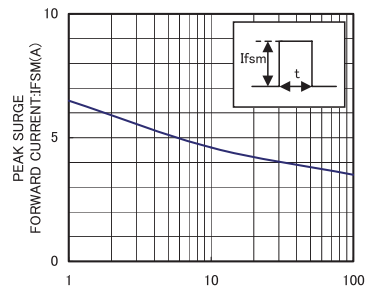
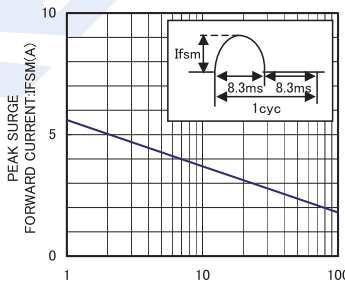
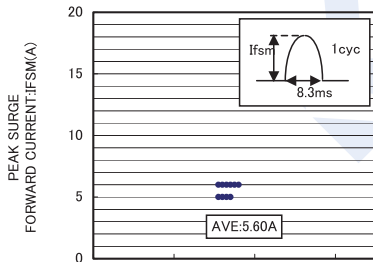
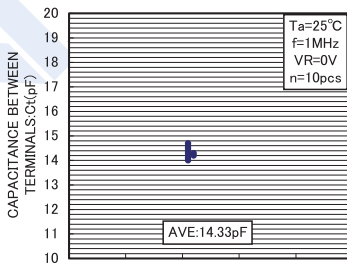
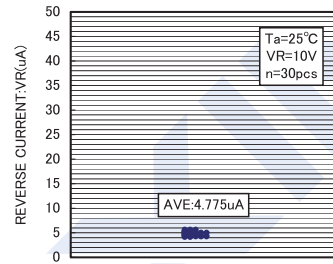
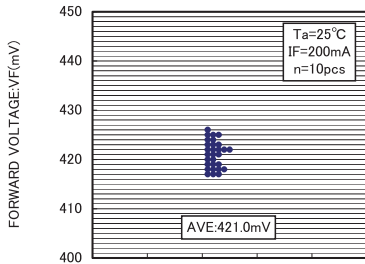
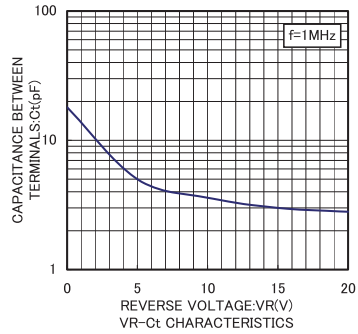
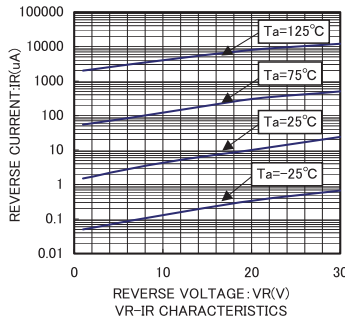
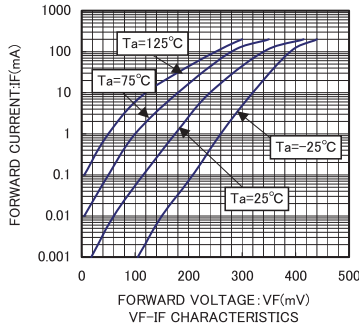
## ■ Electrical Characteristics (Ta = 25°C)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	V <sub>R</sub>	I <sub>R</sub> = 100 μA	30			V
Forward voltage	V <sub>F1</sub>	I <sub>F</sub> = 1mA			0.28	
	V <sub>F2</sub>	I <sub>F</sub> = 10mA			0.33	
	V <sub>F3</sub>	I <sub>F</sub> = 100mA			0.43	
	V <sub>F4</sub>	I <sub>F</sub> = 200mA			0.50	
Reverse current	I <sub>R</sub>	V <sub>R</sub> = 10 V			30	μA

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Electrical characteristic curves (Ta=25°C)



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