

**Schottky Barrier Diode**

**RB715**

**60 mA**



SOT-23

- 1. Anode 1
- 2. Anode 2
- 3. Cathode

- GENERAL PURPOSE DETECTION
- HIGH SPEED SWITCHING
- LOW REVERSE CURRENT AND FORWARD VOLTAGE

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS ( Ta=25°C )  
 BETWEEN PIN 1 AND PIN 3 OR PIN2 AND PIN3

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
Reverse Voltage	V <sub>R</sub>			40	V	I <sub>R</sub> =1mA
Rectifying Current	I <sub>O</sub>			30	mA	
Peak Surge Current	I <sub>FSM</sub>			200	mA	60Hz
Forward Voltage	V <sub>F</sub>			0.37	V	I <sub>F</sub> =1mA
Reverse Current	I <sub>R</sub>			1	μA	V <sub>R</sub> =10V
Capacitance Between Terminal	C <sub>T</sub>		2.0		pF	V <sub>R</sub> =1V, f=1MHz
Power Dissipation	P <sub>c</sub>			0.2	W	
Junction Temperature	T <sub>j</sub>			125	°C	
Storage Temperature	T <sub>stg</sub>	-40		125	°C	