

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 _R			40	V	I _R =1mA
Rectifying Current	I _O			30	mA	
Peak Surge Current	I _{FSM}			200	mA	60Hz
Forward Voltage	V _F			0.37	V	I _F =1mA
Reverse Current	I _R			1	μA	V _R =10V
Capacitance Between Terminal	C _T		2.0		pF	V _R =1V, f=1MHz
Power Dissipation	P _c			0.2	W	
Junction Temperature	T _j			125	°C	
Storage Temperature	T _{stg}	-40		125	°C	