

500mA Schottky Brrier Diode

RB411

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500 mA



SOT-23

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

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

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (Ta=25°C)

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
Reverse Voltage	V _R	20			V	I _R =1mA
Rectifying Current	I _O			500	mA	
Peak Surge Current	I _{FSM}			3	A	60Hz
Forward Voltage	V _F		0.43	0.5	V	I _F =500mA
Reverse Current	I _R			30	μA	V _R =10V
Capacitance Between Terminal	C _T		2.0		pF	V _R =1V, f=1MHz
Power Dissipation	P _c			0.25	W	
Junction Temperature	T _j			125	°C	
Storage Temperature	T _{stg}	-40		125	°C	