

Schottky Barrier Diode

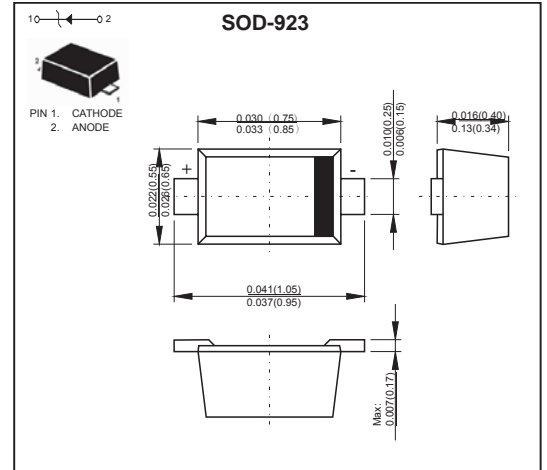
VOLTAGE RANGE: 30V

Features

- VR 30V
- IO 100mA
- Low Forward Voltage Drop

MECHANICAL DATA

- Case: SOD-923 Small Outline Plastic Package
- Polarity: Color band denotes cathode end
- Mounting Position: Any



MAXIMUM RATINGS AND CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified

Item	Symbol	Unit	Conditions	Limit
Reverse Voltage	VR	V		30
Repetitive Peak Reverse Voltage	VRRM	V		30
Continue Forward Current	IO	mA		100
Non-Repetitive Peak Forward Current	IFSM	A	8.3 ms single half sine-wave	0.6
Junction Temperature	TJ	°C		125
Storage Temperature	TSTG	°C		-55 to +125

Electrical Specification (TA=25@25°C unless otherwise specified)

Item	Symbol	Unit	Conditions	Min	Max
Forward Voltage	VF	V	IF=1mA	0.32(TYP)	0.37
			IF=10mA	0.40(TYP)	0.45
			IF=30mA	0.47 (TYP)	0.55
Breakdown Voltage	VR	V	IR=10 uA	30	
Reverse Leakage Current	IR	uA	VR=10V		0.5

Marking C1

Packing Information

Device	Package	Shipping
RB520GM9-30	SOD-923	8000/Tape&Reel