

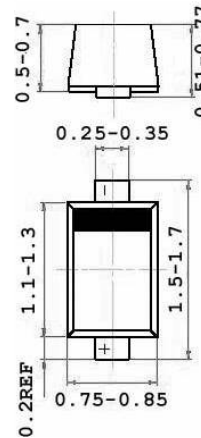
SCHOTTKY BARRIER DIODE

VOLTAGE RANGE: 30 VOLTS

CURRENT: 200mA

FEATURES

- Small Surface Mounting Type
- Low Reverse Current and Low Forward Voltage
- High Reliability

MARKING: B
SOD-523


UNIT:mm

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Parameters	Symbols	Limits	UNITS
DC Reverse Voltage	V_R	30	V
Mean Rectifying Current	I_O	200	mA
Peak Forward Surge Current	I_{FSM}	1	A
Junction Temperature	T_J	125	°C
Storage Temperature	T_{STG}	-40~+125	°C

ELECTRICAL RATINGS

Parameters	Symbols	Test conditions	Min.	Typ.	Max.	UNITS
Forward Voltage	V_F	$I_F=200mA$			0.6	V
Reverse Current	I_R	$V_R=10V$			30	μA