



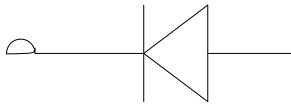
# Schottky Barrier Rectifier

## Features

- Low forward voltage drop
- High reverse voltage capability
- High reverse leakage current
- High switching speed
- Low thermal resistance
- High reliability

## Typical Applications

- Power supply rectification
- Voltage clamping
- Free-wheeling diode
- Reverse polarity protection



## Mechanical Data

**Package:** SOD-123

**Te:** 250°C

**Tj:** 175°C

**Tc:** 100°C

	UNIT	SR5150L	SR5200L
Forward Voltage (V <sub>F</sub> )	V	0.45	0.50
Reverse Leakage Current (I <sub>R</sub> )	μA	10	20

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## Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	SR5150L	SR5200L
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# SR5150L THRU SR5200L

## Thermal Characteristics

PARAMETER	SYMBOL	UNIT	SR5150L	SR5200L
U <sub>max</sub>	T <sub>max</sub>	°C	100	100
T <sub>max</sub>	T <sub>max</sub>	°C	100	100

## Ordering Information (Example)

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SR5150L	SR5150L	0.15	1000	100	1000	Standard
SR5200L	SR5200L	0.15	1000	100	1000	Standard

## Characteristics(Typical)

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## SR5150L THRU SR5200L

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