

# MCC's New 60V and 100V Schottky Barrier Rectifiers: Designed for Excellence

## 60V & 100V Schottky Barrier Rectifiers



### Features

- Voltage range: 60V to 100V
- Forward current capability: 2A
- Low-profile package (SOD-123HL) with typical height of 1mm
- Compatible with SMP package
- Improved thermal resistance for added efficiency
- Suitable for automated placement in SMD production lines
- Ideal for high-frequency (HF) operation applications



### Benefits

The SOD-123HL package with unique die and lead frame design offers improved thermal resistance, optimizing efficiency and performance.

Low forward voltage drives efficiency at energy conversion while minimizing power losses, enhancing overall system reliability.

### Applications



AC/AC & DC/DC converters

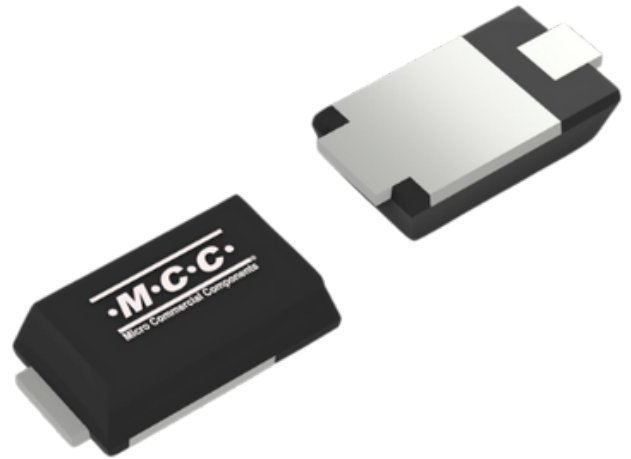


Solar Power Inverters



## Maximize Efficiency and Thermal Management in a Compact SOD-123HL Package

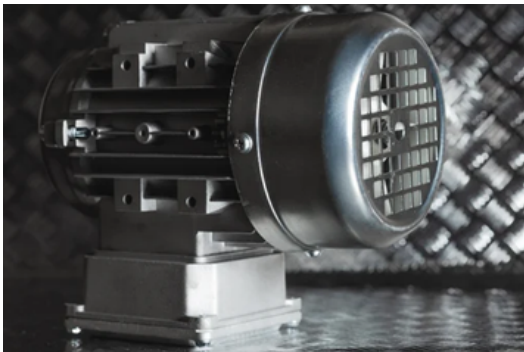
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## Parametrics & Datasheets:

Product	TYPE	Package	Working Peak Reverse Voltage VRWM	Average Rectified Forward Current IF(AV)	Forward Voltage VF	Mounting Type	Datasheet
<a href="#">SL26HL</a>	Schottky barrier rectifier	SOD-123HL	60V	2A	0.55V	Surface-mount (SMD)	<a href="#">Info</a>
<a href="#">SL210HL</a>	Schottky barrier rectifier	SOD-123HL	100V	2A	0.75V	Surface-mount (SMD)	<a href="#">Info</a>

## Applications:



**Industrial**



**Renewable Energy**

- AC/AC and DC/DC converters
- Polarity protection
- Solar power inverters
- Wind turbine power systems
- Energy storage systems (ESS)
- Microgrid power management

**CONTACT MCC TO REQUEST A SAMPLE**

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