

40V TO 200V SCHOTTKY BARRIER RECTIFIERS



Features

- AECQ-101 qualified
- Low forward voltage drop
- Low power loss, high efficiency
- Low profile, typical height of 0.9mm
- Compact DO-221AC package
- Voltage range: 40V-200V
- Reliability in harsh conditions with operating junction temps up to 175°C



Benefits

Schottky Barrier Rectifiers with voltage options spanning 40V to 200V, full AEC-Q101 qualification and a compact DO-221AC package with a typical height of only 0.9mm ensure stable operation in a space-saving footprint.

With a forward voltage drop of 1A-2A, MCC Semi's latest components reduce power losses and enhance efficiency in the most demanding conditions (up to 175°C).

Applications



Automotive

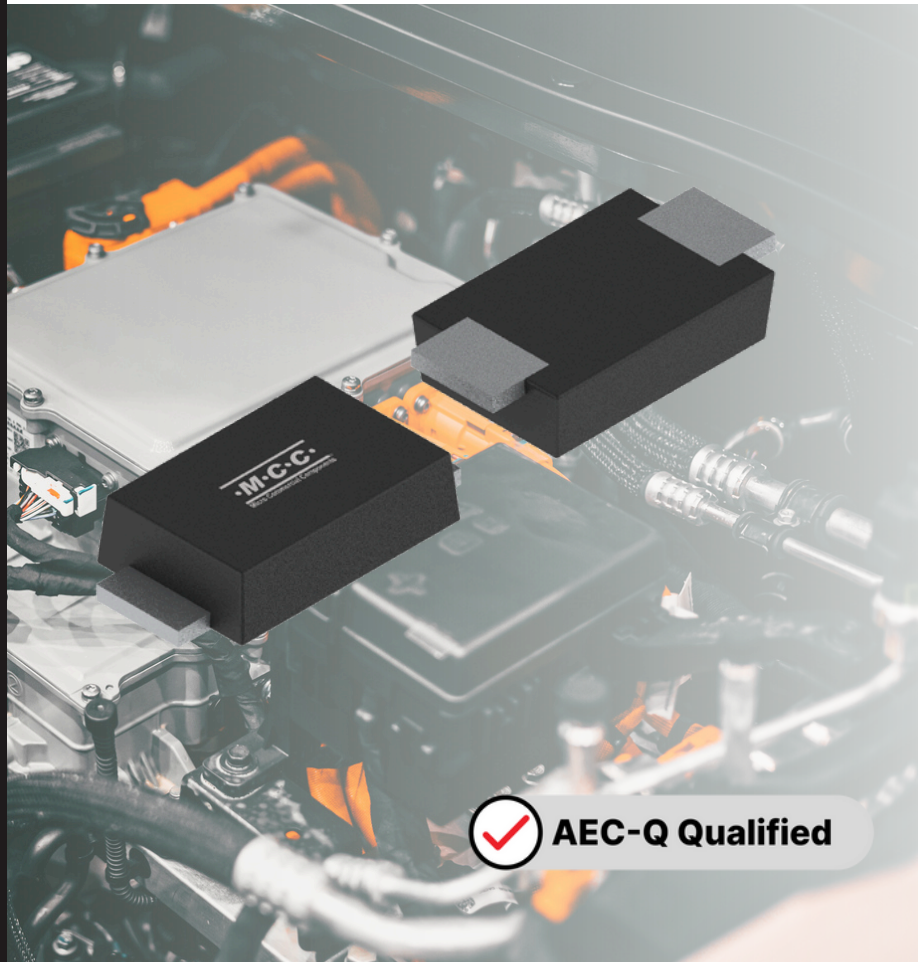


Industrial



Commercial

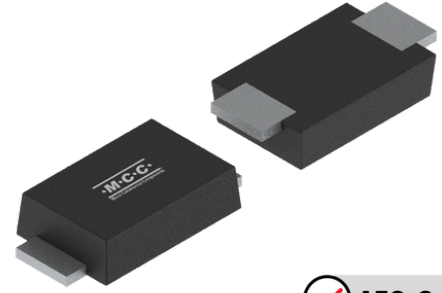
Automotive & Beyond: MCC's 40V to 200V Schottky Barrier Rectifiers



AEC-Q Qualified

AEC-Q101 Qualified Components in the Sleek DO-221AC Package

Schottky Barrier Rectifiers with voltage options spanning 40V to 200V



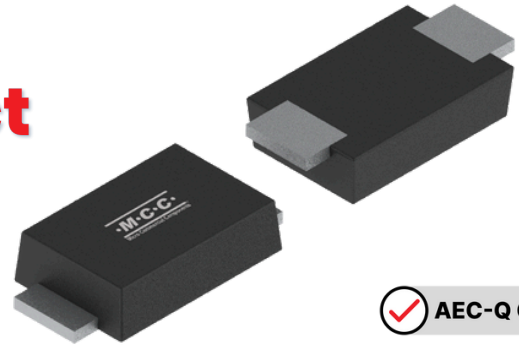
Product Attributes, Parametrics & Datasheets

Product	Type	Package	Peak Reverse Voltage VRWM	Average Rectified Forward Current IF(AV)	Mounting Type	Datasheet
SS14FLQ	Schottky Barrier Rectifier	DO-221AC	40V	1A	Surface-mount (SMD)	Info
SS16FLQ	Schottky Barrier Rectifier	DO-221AC	60V	1A	Surface-mount (SMD)	Info
SS110FLQ	Schottky Barrier Rectifier	DO-221AC	100V	1A	Surface-mount (SMD)	Info
SS120FLQ	Schottky Barrier Rectifier	DO-221AC	200V	1A	Surface-mount (SMD)	Info
SS24FLQ	Schottky Barrier Rectifier	DO-221AC	40V	2A	Surface-mount (SMD)	Info
SS26FLQ	Schottky Barrier Rectifier	DO-221AC	60V	2A	Surface-mount (SMD)	Info
SS210FLQ	Schottky Barrier Rectifier	DO-221AC	100V	2A	Surface-mount (SMD)	Info
SS220FLQ	Schottky Barrier Rectifier	DO-221AC	200V	2A	Surface-mount (SMD)	Info

CONTACT MCC TO REQUEST A SAMPLE

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High-Efficiency Schottky Barrier Rectifiers: Compact Solutions for Power Management



Applications:



Automotive

- Freewheeling diodes
- DC-DC converters
- Polarity protection



Industrial

- Power supplies
- Motor control circuits
- Energy management systems



Commercial

- Consumer electronics
- Office automation equipment
- Telecommunication systems

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