

SCHOTTKY BARRIER RECTIFIERS

Reverse Voltage - 40 to 200 V

Forward Current - 40 A

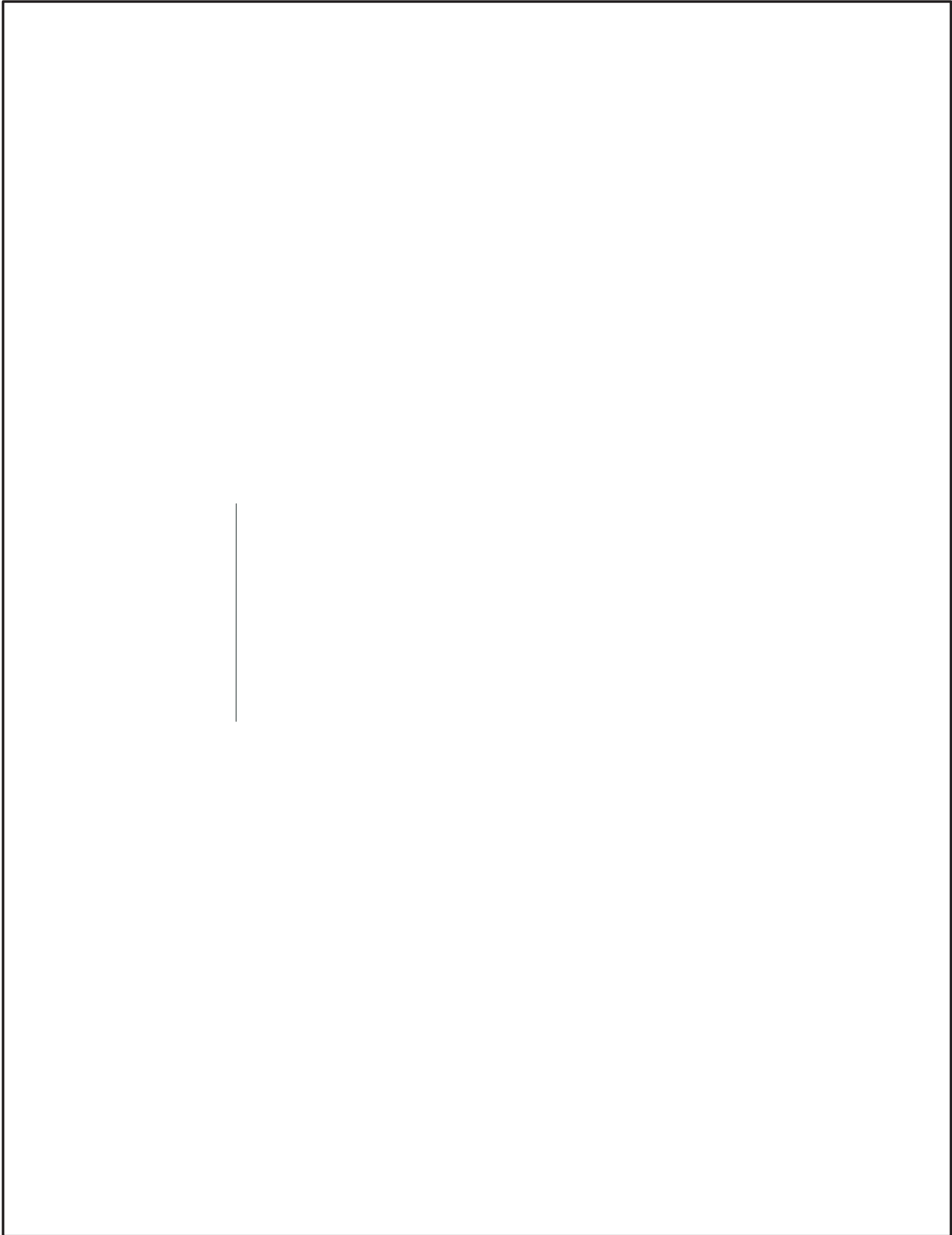
FEATURES

- High current capability
- Low forward voltage drop
- Low power loss, high efficiency
- High surge capability
- High temperature soldering guaranteed
- Mounting position: any

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified

| CHARACTERISTICS | | Units |
|-------------------------------------------------------------------------------------------------------------|------------|-------|
| Maximum Recurrent Peak Reverse Voltage | 45 | V |
| Maximum RMS voltage | 31.5 | V |
| Maximum DC Blocking Voltage | 45 | V |
| Maximum Average Forward Rectified Current | 20 40 | A |
| Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method) per diode | | A |
| Max Instantaneous Forward Voltage at 20 A DC Per leg | | V |
| Maximum DC Reverse Current | | mA |
| Storage Temperature Range | -55 ~ +150 | °C |



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